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GARDEN *and* FIELD SEEDS

Lewis-Clark Quality

MARK MEANS CO.,

LEWISTON, IDAHO

1929 CATALOG





Clover Seed

We are located in the center of the Northern Idaho Clover producing districts. Our seed is raised on the high benches without irrigation, the winters are severe and the result is we have one of the hardiest strains of both Medium Red, Mammoth and Alsike Clovers produced in the country. Great care has been taken in getting these fields started to keep them free from noxious weeds and we select for our trade the cream of the crop. This is carefully cleaned in our modern cleaning plant and each lot is state tested. A copy of this test is on each bag shipped out.

Clovers are being used more each year especially in the dairying districts. Not only do they produce one of the most valuable crops but being legumes they greatly enrich the soil.

On pages 23 and 24 you will find the different varieties described and priced.



Alfalfa

Our Alfalfa seed is raised in the high mountain valleys and is dry land seed. These strains have proven the hardiest and will withstand the severe winters of our surrounding country. All lots are State Tested for purity and each sack is tagged showing the purity and germination.

On page 23 you will find the price and description of the different strains.

Established in 1900

Twenty-nine Years of Service

FOR twenty-nine years the MARK-MEANS COMPANY has been giving the best service possible to the growers of the Northwest. When you purchase our "LEWIS-CLARK QUALITY" Brand in either FIELD or GARDEN SEED you are assured that they are the best obtainable. We sincerely appreciate the unsolicited testimonials sent in by satisfied users of our seeds. We are always glad to hear from our friends, and if you think we can be of help in solving any garden or field problems you may have, write our service department and the matter will have prompt attention. Whenever you are in Lewiston, call and see us, and let us show you around the store, warehouses and up-to-date seed-cleaning plant. Make our office your headquarters while in town.

We thank you for past favors, and hope to have the pleasure of serving you again, not only this year but in the years to follow.

Glance thru the catalog NOW—don't put it off until later—take order sheet from the back, write down your wants, no matter how small or how large, mail us the order and we will fill it with the utmost care.

Planting Tables

Quantity of Seed to Produce a Given Number of Plants and Amount Required to Sow an Acre

	Per Acre
Artichoke, 1 oz. to 500 plants.....	.6 oz.
Artichokes—White French.....	.8 bu.
Asparagus, 1 oz. to 800 plants.....	1 lb.
Asparagus Roots .....	.7500
Barley	2 to 2½ bu.
Beans, dwarf, 1 lb. to 100 ft. of drill.....	1 bu.
Pole, 1 lb. to 100 hills.....	½ bu.
Beets, 1 oz. to 100 ft. drill.....	.6 lbs.
Broccoli, 1 oz. to 2000 plants.....	.4 oz.
Brussels Sprouts, 1 oz. to 2000 plants 4 oz.	
Buckwheat	½ to 1 bu.
Cabbage, 1 oz. to 2000 plants.....	½ lb.
Carrot, 1 oz. to 100 ft. drill.....	3 lbs.
Cauliflower, 1 oz. to 3000 plants, 3 to 4 oz.	
Celery, 1 oz. to 5000 plants.....	.4 oz.
Cheat	2 bu.
Clover, Alsike and White.....	8 to 10 lbs.
Alfalfa	15 to 20 lbs.
Crimson Trefoil or Red	10 to 15 lbs.
Collards, 1 oz. to 2000 plants.....	.4 oz.
Corn, Pop (shelled)	8 to 10 lbs.
Sweet or Field, hills	12 to 15 lbs.
For soiling drills	3 bu.
Cress, ¾ oz. to 1000 ft. drill.....	1 lb.
Cucumber, 1 oz. to 50 hills.....	2 to 3 lbs.
Egg Plant, 1 oz. to 2000 plants.....	.4 oz.
Emmer	100 lbs.
Endive, ¼ oz. to 100 ft. drill.....	.4 lbs.
Flax Broadcast	¾ bu.
Grass, Kentucky Blue, pasture.....	1 to 2 bu.
Kentucky Blue, lawns	100 lbs.
Meadow Fescue or Wood Meadow.....	1 bu.
Mixed Lawn	5 to 6 bu.
Red Top, Chaff	1 to 2 bu.
Red Top, solid seed	10 to 15 lbs.
Timothy	10 to 15 lbs.
Orchard, Perennial Rye	1 to 2 bu.
Horseradish Roots	15,000 to 25,000
Kaffir Corn, in drills	6 to 10 lbs.
Kale, 1 oz. to 2000 plants.....	.4 oz.
Kohl Rabi, 1 oz. to 2000 plants.....	.4 oz.

Leek, 1 oz. to 100 ft. of drill.....	4 lbs.
Lettuce, 2 oz. to 150 ft. of drill.....	3 lbs.
Melon, Musk, 2 oz. to 100 hills.....	2 to 3 lbs.
Water, 4 oz. to 100 hills.....	3 to 4 lbs.
Millet—For Hay	30 lbs.
For Seed	20 lbs.
Oats	2 to 3 bu.
Okra, 1 oz. to 100 ft. of drill.....	.8 lbs.
Onion Seed, for sets.....	60 to 85 lbs.
1 oz. to 150 ft. drill	3 to 4 lbs.
Onion Sets, 1 qt. to 40 ft. drill.....	8 bu.
Parsley, 1 oz. to 150 ft. drill.....	3 lbs.
Parsnips, 1 oz. to 150 ft. drill.....	3 lbs.
Peas, Field	2 bu.
Garden, 1 lb. to 100 ft. drill.....	1 to 2 bu.
Pepper, 1 oz. to 1000 plants.....	2 lbs.
Potatoes	10 bu.
Pumpkin, ½ lb. to 100 hills.....	3 to 5 lbs.
Radish, 1 oz. to 100 ft. drill.....	10 lbs.
Rape	3 to 5 lbs.
Rye	1½ to 2 bu.
Salsify, 1 oz. to 100 ft. drill.....	6 to 8 lbs.
Spinach, 1 oz. to 100 ft. drill.....	8 to 10 lbs.
Squash—Summer, 4 to 100 hills.....	3 lbs.
Winter, 8 oz. to 100 hills.....	4 lbs.
Sugar Cane, in drills.....	10 lbs.
Tomato, 1 oz. to 2000 plants	4 oz.
Turnip, 1 oz. to 150 ft. drill	2 to 3 lbs.
Vetches, 1½ to 2 bu. with grain.....	1 bu.
Wheat	1½ to 2 bu.

Number of Plants Per Acre at Various Distances

Distance Apart	Square Method	Triangular
1 foot apart each way.....	43,560	50,300
2 feet apart each way.....	10,800	12,575
4 feet apart each way.....	2,722	3,143
6 feet apart each way.....	1,210	1,397
9 feet apart each way.....	537	620
10 feet apart each way.....	435	502
15 feet apart each way.....	193	223
16 feet apart each way.....	170	196
20 feet apart each way.....	108	125
25 feet apart each way.....	70	81
30 feet apart each way.....	48	55
40 feet apart each way.....	27	31

DISCLAIMER

We will not in any way be responsible for your crops, as there are so many conditions, too numerous to mention, why we cannot guarantee a crop to grow and mature. Purity and germination tests are taken carefully, and are mentioned for guidance only.

MARK MEANS COMPANY, Lewiston, Idaho.

BUY YOUR SEEDS EARLY

You will gain a distinct advantage by arranging for your seed supply, as orders must be filled carefully.

IMPORTANT

Owing to fluctuations in market prices, it may be necessary to change some of the prices quoted herein during the season. Should prices change and orders be received at prices named, seeds will be sent equivalent to the money received, figuring the order at current prices.

HOW TO SHIP

Always state how you want heavy seed shipped, by freight, parcel post or express, and if your station is a prepay point, don't forget to add enough money to take care of the charges. Should you not receive the goods you ordered within a reasonable time, write us regarding the matter and we will gladly put a tracer after your shipment.

We Deliver Free by parcel post or express, all Vegetable and Flower Seed by the packet, ounce and half pound and up to and including ten pounds unless otherwise stated. All other items are F. O. B. Lewiston, and postage, freight or express charges, if your station is a prepay station, must be added.

Farm Garden Collection

\$5.00 Value for \$3.50

BEANS, Burpee's Stringless.....	\$0.35
Beans, Kentucky Wonder.....	.20
Beets, Early Blood Turnip.....	.35
Carrots, Half Long .....	.35
Corn, Golden Giant .....	.20
Corn, Evergreen .....	.20
Cucumbers, Boston Pickling.....	.05
Cucumbers, Davis Perfect.....	.15
Lettuce, Grand Rapids .....	.15
Lettuce, New York Head .....	.15
Cantaloupe, Burrell Gem .....	.15
Watermelons, Kleckley Sweet .....	.15
Onion, Prizetaker .....	.25
Onion Sets, 2 lbs. Yellow Bottom....	.25
Peas, 1 lb. American Wonder.....	.35
Peas, Telephone .....	.35
Parsnips, Hollow Crown.....	.10
Radishes, White Tip .....	.15
Radishes, Icicle .....	.15
Spinach, Bloomsdale .....	.15
Squash, Table Queen .....	.20
Squash, Hubbard .....	.15
Turnips, Snowball .....	.15
Turnips, White Globe .....	.30

\$5.00

ALL FOR \$3.50—Postpaid.

Special 75 Cent Collection

BEANS, Burpee's Stringless	\$0.15
Beets, Early Egyptian .....	.05
Carrots, Danvers Half Long .....	.05
Sweet Corn, Golden Bantam.....	.10
Cantaloupe, Hearts of Gold.....	.05
Cucumbers, Long Green.....	.05
Lettuce, Grand Rapids.....	.05
Lettuce, New York Head.....	.05
Onions, Yellow Danver Globe.....	.05
Peas, Green Admiral .....	.15
Peas, Everbearing .....	.15
Parsnip, Hollow Crown .....	.05
Radish, Early Scarlet Globe.....	.05
Radish, Icicle .....	.05
Turnip, Purple Top S. L.....	.05

\$1.10

ALL FOR 75 CENTS. Postpaid.

NOTICE—Our special collections are all put up in advance and are ready to mail on receipt of order and therefore the assortments cannot be broken.

Flower Special

Any twelve 10 cent Flower Seed
Packets for \$1.00. Postpaid.

FRESH VEGETABLES

from Your Own Garden

when you want them

One of the nicest features about your own garden is that the vegetables are there when you want them—fresh and full of flavor. When you raise your own, they seem to taste better.

If you have only a small space, plant the quick-growing varieties—Radishes, Lettuce, Peas, Beans, Spinach, Carrots, Beets, etc. With a larger space, you should add Sweet Corn, Tomatoes, Squash, Pumpkins, Melons, and the root crops for winter use. By all means put in some Onion Sets for the early green spring onion.

When you buy Lewis-Clark Quality Seeds, you can depend on them as having been carefully selected, so as to give entire satisfaction whether planted for home use or the market garden trade. Some of the seeds are grown under our personal supervision and others are purchased from the best producing localities in the United States and Denmark.

New Crop Garden Seeds



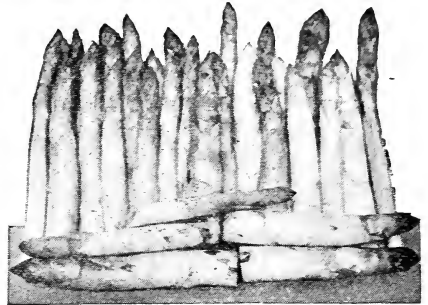
Vegetable Seeds

Asparagus

One of the early spring vegetables which can be produced very easily and cheaply and which is a profitable market crop. A bed 15x50 feet requiring about one hundred plants, should give a sufficient supply to the average family. One ounce of seed will produce eight hundred or more plants. Sow in drills and thin to three inches in a row. At the end of the first year transplant into permanent beds, carefully prepared, and cultivate to a depth of 24 inches, manure deeply using old manure and bone meal. A bed five feet wide will carry three rows. The plants should be spaced 18 inches apart in a row.

Martha Washington An early maturing variety, rust resisting and a large producer. Price: Pkt. 10c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.25; lb. \$2.00.

Palmetto Extra early and uniform large stalks. Very popular with shippers. The shoots are a light green, slightly tinted with pink. Price: pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00



Martha Washington

FOR ROOTS SEE INDEX

Table Beets



Detroit Dark Red

Sow seed as early in the spring as ground can be worked. Can be sown in rows 15 to 18 inches apart, and about 1½ inches deep. It is advisable to soak seed in water for 24 hours before planting. 1 oz. to 50 ft. drill; 5 to 6 lbs. per acre.

Extra Early Egyptian Fine for forcing an early crop: about ten days earlier than the Early Blood. Makes fine, smooth, almost flat, very dark red beets: firm, crisp and tender. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.00.

Early Eclipse Extra early, somewhat turnip-shaped, smooth roots. The flesh is a fine deep blood red. The foliage is small. Popular for market and the home garden. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Detroit Dark Red A fine beet for bunching for market; tops exceptionally small and uniformly upright. The roots are perfect turnip-shape with small tap roots. One of the deepest red beets. Quality is of the finest; sweet and tender, one of the best beets for home gardens. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; lb. \$1.

Crimson Globe Of fine form, with smooth skin. The tender flesh is a deep purplish crimson; slightly zoned; foliage small, of a rich bronze-purple. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Swiss Chard Grown for its large, tender, succulent leaves, which make the most delicious greens, or the thick fleshy stalks, which are cooked and served like asparagus. The seed is planted in the spring the same as beets, and tops are cut off as wanted during the summer, fall and following spring. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Stock Beets

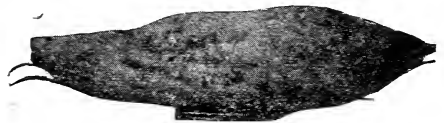
Stock beets and mangels are high in food value, and should be grown by everyone having livestock. They also make excellent feed for chickens. It is not unusual to produce 15 to 25 tons to the acre. Plant sufficient so that the milch cows can get their share, and you will increase the flow considerably.

Golden Tankard Dairy farmers state they are able to obtain higher prices for milk when feeding cows on "Golden Tankard." Sheep thrive on it. "Golden Tankard" is rich, deep yellow throughout. Price: Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 55c; 10 lbs. \$5.00. Early, hardy and a heavy cropper.

Danish Sludstrup Long, reddish-yellow, grows well above ground and is easy to pull. Has repeatedly been awarded a first class certificate by the Danish Government. Price: Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 30c; 1 lb. 55c; 10 lbs. \$5.00.

Mammoth Long Red The best long red mangel; very productive, often yielding 50 tons to the acre. It grows well above ground and is easily harvested. Price: Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 30c; lb. 55c; 10 lbs. \$5.00.

Giant Half Sugar One of the most valuable for feeding stock. It unites the large size of the mangel with the great feeding value of the sugar beet. Price: Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 30c; 1 lb. 55c; 10 lbs. \$5.00.



Mammoth Long Red

All Vegetable and Flower Seed up to and including ten lbs. will be sent postpaid.

Dwarf or Bush Beans

Young bean plants are easily damaged or killed by freezing. Do not plant seed until danger of frost is past. One pound of seed is sufficient for 100 foot row, planted about 2 ft. apart, 5 or 6 inches apart in the rows.

Wax Podded Varieties



Golden Wax

Golden Wax Very popular with both the home garden and for market. The pods are of medium length, broad, flat, golden yellow, very fleshy, wax-like and stringless. The plants are erect, compact, and produce early and abundantly. The seeds are of medium size, oval, white mottled with red. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.50.

Prolific Black Wax An improved strain of black wax and is an exceptionally productive dwarf, wax-podded variety; hardy, reliable and of the best quality. The pods are of medium size, curved, cylindrical, fleshy, and of light golden color. The seeds are oblong and jet black. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.50.

Davis White Kidney Wax A handsome wax podded variety, very popular for shipping. The plants are very hardy, productive and medium early. The pods are light yellow, straight, remarkably long, crisp and tender. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.50.

Green Pod Bush Varieties

Burpee's Stringless

A very early, hardy green podded bean of excellent quality. The pods are round, straight, about five inches long, very meaty and entirely stringless. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.



Burpee's Stringless Green Pod

Burpee's Bush Lima The most generally grown bush lima bean, growing about twenty inches high and bearing exceptionally large pods and beans of fine quality. Medium early. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 25c; 1 lb. 40c; 5 lbs. \$1.50.

REFUGEE or 1000 to 1

Fleshy and solid pods measuring from 5 to 5½ inches in length. They are brittle, and mild in flavor. Very productive, and grown largely for canning. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.



Burpee's Bush Lima

Scarlet Runner

A favorite as a shell bean and for its flowers, which are bright scarlet; seeds broad and kidney shaped. Price: Pkg. 10c; oz. 20c; ¼ lb. 30c; ½ lb. 50c; 1 lb. 90c.

Castor Bean

Used for medicinal purposes and by some, claimed to keep moles away. Castor beans are very ornamental, the plants and foliage being large and tropical in appearance. Price: Pkg. 10c; oz. 20c; ¼ lb. 30c; ½ lb. 50c; 1 lb. 90c.

Green Pod Pole

Kentucky Wonder

A vigorous climber; very prolific, bearing in clusters extremely long and very fleshy, succulent pods; flat, thick and remarkably tender. A first-class pole variety. Price: Pkg. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 35c; 5 lbs. \$1.50.

ALL PRICES ON THIS PAGE ARE POSTPAID.

Beans are best when they are picked fresh.

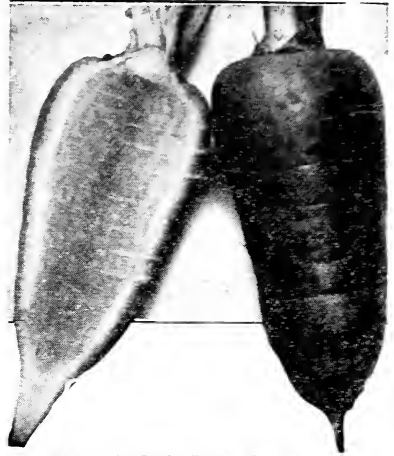
Carrots

CULTURE. Carrots will do well in any good, well prepared soil. May be sown as early as the ground can be worked. Sow in rows 15 inches apart, and when about 3 inches high, thin to about 2 inches in the row. Use 1 oz. to 100 ft. drill; 3 lbs. per acre.

Oxheart A thick carrot, five or six inches long and very blunt at the lower extremity. It grows very rapidly and the root attains a weight of more than a pound. It is tender and of good flavor. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Chantenay or Model One of the best carrots for all purposes. Medium early, about 6 in. long, blunt ended, smooth, fine grained, sweet and sugary. An excellent table carrot and a heavy yielder. There is no better for the home garden. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Danver's Half Long Grown largely on account of its productiveness and adaptability to all classes of soil. Tops, medium size, coarsely divided. The smooth, handsome roots are of medium length, tapering uniformly to a blunt point; flesh sweet, crisp, tender; deep orange in color. Although the roots of this variety are short, they produce as large as the longer field sorts, and are more easily harvested. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.



Danver's Half Long Carrots

Stock Carrots

Stock carrots are one of the most valuable stock foods and very heavy yielders. Recommended for horses and colts, as well as for cattle and chickens.

Large Yellow Belgian A good keeper and a large yielder. Makes long roots, yellow flesh and yellow skin except about one-third which grows above ground. Easily pulled and makes excellent stock food. Price: Pkg. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 40c; 1 lb. 75c; 5 lbs. \$3.50.

Large White Belgian Extensively grown for stock feeding, very productive. Grows so much above the ground that the crop can be pulled by hand. Price: Pkg. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 40c; 1 lb. 75c; 5 lbs. \$3.50.

Cauliflower

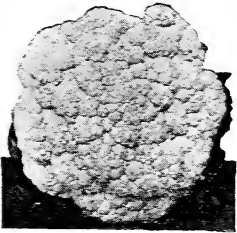
CAULIFLOWER will succeed on soil that will produce cabbage but best results will be obtained on rich loam with an abundance of water. Sow early varieties in hot beds in February or March. Later varieties sow in a well prepared bed in May. When large enough transplant in rows 2½ feet apart and 15 inches apart in the rows.

"Mt. Hood" Snowball Without doubt the best strain of "Early Snowball" for the gardener to use. Earlier and produces large solid white heads. Recommended for either early or late planting. Price: Pkt. 25c; ¼ oz. \$1.00; oz. \$3.50; ¼ lb. \$12.00.

Early Snowball This is the common strain of Imported "Early Snowball" and while it will not give as good results as the "Mt. Hood" it will produce a good crop. Price: Pkt. 10c; ¼ oz. 65c; oz. \$2.25; ¼ lb. \$6.50.

Danish Giant—Dry Weather Produces large, solid, pure white heads. Is especially adapted for growing in dry locations where other varieties would fail. Packet 10c; oz. \$1.00.

Autumn Giant Produces large compact white heads well protected by foliage. Packet 10c; oz. \$1.00.



Early Snowball

Celery

CELERY CULTURE. Sow the seed early, February or March, in hot beds or cold frames; when three to four inches high, transplant to rows four feet apart and six inches apart in the row. The rows should be furrowed out so that plants may be set six inches deep. A few weeks before harvesting, the soil can be banked against the rows for blanching. One ounce of seed will produce about 5000 plants. Keep the plants growing—cultivate after watering.

Golden Self Blanching This is considered the best celery for the early spring market. Very stocky, hardy, solid, a good shipper. Yellowish green color when young but as the plants mature the inner stems and leaves turn a golden yellow; easily blanched. Postpaid pkt. 10c; oz. 50c.

White Plume One of the most popular for early fall and winter use. Very easily grown and blanched. The earliest celery. Postpaid, packet 10c; oz. 50c.

CELERIAC—Turnip Rooted Celery

The large root is the edible portion, and is highly valued for flavoring soups or boiling with stews and other dishes. As seed takes three to four weeks to germinate, keep the sowing moist until the young seedlings appear, and when large enough to handle, transplant seedlings to stand 8 to 10 inches apart each way. Price: Pkg. 10c; oz. 35c; ¼ lb. \$1.00.

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Mix pleasure with economy—plant a garden.

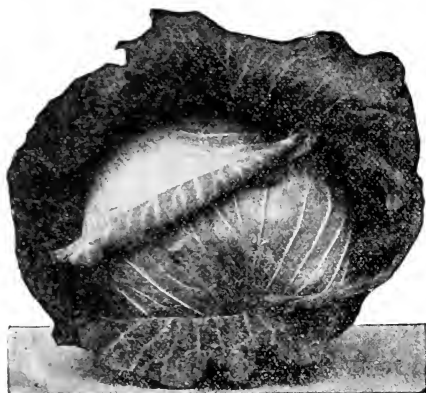


Golden Self-Blanching

Cabbage

One oz. for 2000 plants, $\frac{1}{2}$ lb. of seed per acre.

CABBAGE CULTURE. For early plants sow seed in January or February under glass, hardened off gradually by exposing to outside air and as early as the ground is in good condition transplant to rows three feet apart and 18 inches apart in row. For late plants the seed may be sown in the field.



Early Flat Dutch

Early Flat Dutch A valuable second early variety producing very large, compact, flattened heads of good quality; sometimes nearly as large as Late Flat Dutch, which they resemble in appearance. Price: Pkg. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb. \$1.40; 1 lb. \$2.50.

Early Jersey Wakefield The favorite early cabbage with our market gardeners. A sure header. The thick, stout leaves and compact habit make it the best for wintering over and very early setting.

Grown more extensively for market than any other early cabbage. Is always of good size, very solid, with few leaves. A reliable header and always gives good satisfaction. Pkg. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb. \$1.40; 1 lb. \$2.50.

Early Winningstadt One of the best medium early pointed cabbages. Heads of good size, very hard and excellent quality. Pkg. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb. \$1.40; 1 lb. \$2.50.



Early Jersey Wakefield

Danish Ballhead Select Short-Stem. Our strain of short-stem Ballhead is imported direct from Denmark. The fine ribbed leaves are so densely packed together that no space is left for water or air to start decay and the firm heads are famed for their superior excellence and keeping qualities. Matures late, when cut shows a fine, hard, snowy white, solid head. The best in its class. Price: Pkg. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb. \$1.40; 1 lb. \$2.50.

Premium Late Dutch This improved strain possesses all the good qualities of the old favorite, "Late Flat Dutch," one of the largest of the late varieties and is a sure header. Price: pkg. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb. \$1.40; 1 lb. \$2.50.

Large Red Drumhead or Red Dutch

The well-known standard. Heads of large size, slightly rounded, 7 to 8 inches in diameter. Price: Pkg. 5c; oz. 20c; $\frac{1}{4}$ lb. 75c; $\frac{1}{2}$ lb. \$1.40; 1 lb. \$2.50.

Cabbage Plants Hardy out-door grown plants, standard varieties. See index.

Chinese or Celery Cabbage—Pe Tsai

A delicious new vegetable. The plants develop quickly, forming large, tightly folded heads, well blanched in the heart. Chinese Cabbage can be served as a salad or cole-slaw; when boiled is more tender and palatable than ordinary cabbage. Price: Pkg. 10c; oz. 35c; $\frac{1}{4}$ lb. \$1.00.

Cucumbers

CULTURE. Cucumbers need a warm, rich soil and should not be planted in the open ground until danger of frost is over. Plant in hills four feet apart each way, thinning to three or four of the strongest plants. One ounce will plant 50 hills, 2 lbs. to the acre.



Long Green

Long Green The fruits are long, firm and crisp, excellent for slicing, or when small they are good for pickling. The vines are very sturdy and very productive. The fruits are uniform in size and shape, slender, often a foot long, and very dark green. The best variety for sweet pickles. Price: Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

The "Davis Perfect" The "Davis Perfect" is of perfect form, large size and of finest color; is crisp, delicious and almost seedless. This fine variety comes from the originator of the Davis Wax Bean and is one of the most valuable varieties for home or market. Price: Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

Early White Spine One of the most popular early cucumbers. Price: Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

Boston Pickling A very productive variety; extensively grown for pickles. The fruits are bright green of medium size, smooth and symmetrical. The flesh is crisp and tender. Price: Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

Japanese Climbing A useful variety for growing on trellis or wire. The cucumbers are long, of a dark color, white flesh, crisp, and of good flavor. Price: Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 45c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

We make a specialty of supplying seed to the Market Gardeners and make every effort to handle only the very best strains obtainable. We do not claim to compete with houses whose main idea is to sell at a low price regardless of quality. In such cases the seed is not cheap but very dear at any price. The first cost of good seed is small compared with the time and labor necessary to raise a crop.

ALL PRICES ON THIS PAGE ARE POSTPAID.

Put up Your Own Cucumber Pickles.

Sweet Corn

CULTURE. Do not plant until all danger of frost is past. Plant in hills 18 inches apart, rows 3 feet apart. All suckers should be removed. Have Green Corn throughout the season by planting a variety. Plant in the following order: Early Portland Market, Golden Bantam, Stowell's Evergreen.

Portland Market This is the largest of all the early varieties. Its immense size, together with its large, sweet, plump grains of purest white, on well filled ears, make it a ready seller on any market. The stalks grow strong and vigorous, but rather dwarf. Price: oz. 10c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.40.

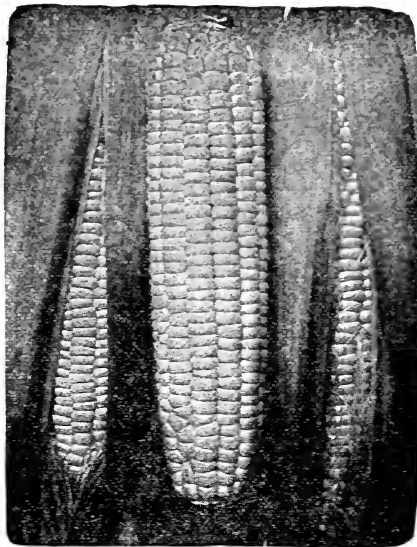
Golden Bantam The earliest and the sweetest yellow-grained sugar corn. Although the ears are not large, this is more than made up by its deliciously sweet flavor and tenderness. The ears are about six inches long and at least two ears borne on each stalk. Can be planted earlier than other sugar corn. Price: Oz. 10c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.40.

Early Minnesota This old and deservedly popular variety is one of the best early sorts for the market and private garden. Price: oz. 10c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.40.

Country Gentleman The sugary sweetness and delicious flavor make this old time favorite one of the most desirable varieties. The slender white irregular kernels are very long, the cob small, making much more to the ear than any other variety. Price: Oz. 10c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.40.

Stowell's Evergreen Remarkable for remaining a long time in a fresh condition suitable for the table. Hardy and productive and the best late variety for general use. Price: Oz. 10c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.40.

Golden Giant A cross of Golden Bantam and Howling Mob. This is the largest of the yellow varieties, the ears measuring up to 8 inches long. The cob is small and contains from twelve to eighteen rows of long thick grains. Corn sweet and of very fine flavor and is becoming very popular. Price—Oz. 10c; ½ lb. 20c; 1 lb. 30c; 5 lbs. \$1.40.

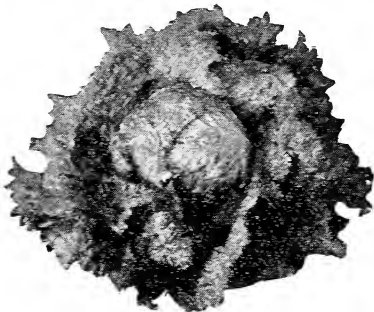


Golden Bantam

Treat Your Corn With Semesan Jr.

Lettuce

CULTURE. One of the most popular vegetables grown. The quickest growing types are the loose leaf varieties. We suggest for the home a few rows of both the leaf and heading types. 2 oz. will plant 150 feet of row; 3 pounds to the acre.



New York or Wonderful

New York or Wonderful The universal popular variety, thriving in all sections and during all seasons. A crisp, cabbage-heading lettuce, extremely large, sometimes 15 inches in diameter, and weighing two to three pounds. It is deep rooting, stands heat well, is slow to run to seed, and especially adapted for growing during the summer months. It is a sure header under the most trying conditions. The interior is beautifully blanched, creamy white, crisp, tender and delicious. Especially recommended as a standard, main crop, hot weather lettuce. Very popular with market gardeners and is equally good for home use. As we usually have a heavy demand for this variety we recommend early ordering. This is the variety planted extensively in the Lewiston Orchards and shipped in carloads all over the United States. Price: Pkg. 5c; oz. 25c; ¼ lb. \$1.00; ½ lb. \$1.50; 1 lb. \$2.50.

Prizehead A large, clustering, non-heading lettuce, easy to grow and an excellent variety for the home garden, but not recommended for market, as it is too tender to stand shipping and handling. The leaves are bright green tinged with red; crisp, tender and sweet. Price: Pkg. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 75c; 1 lb. \$1.25.

Early Curled Simpson A standard variety for forcing or for early outdoor culture. The leaves, in loose clusters, are light green in color, slightly frilled and much blistered, are crisp, tender and sweet. Price: Pkg. 5c; oz. 15c; ¼ lb. 40c; ½ lb. 65c; 1 lb. \$1.00.

Black Seeded Simpson A very crisp and tender forcing variety. Price: Pkg. 5c; oz. 15c; ¼ lb. 40c; ½ lb. 65c; 1 lb. \$1.00.

Grand Rapids Among the curled lettuce there is no better for forcing, and it does splendidly outdoors if sown in the fall or early spring. Does not form heads, but large compact clusters crimped around the edges; crisp and tender. One of the easiest to grow under glass. Price: Pkg. 5c; oz. 15c; ¼ lb. 60c; ½ lb. \$1.00; 1 lb. \$1.75.

Denver Market

Early, tender and of fine flavor. Heads of oval shape. Price: Pkg. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 75c; 1 lb. \$1.25.



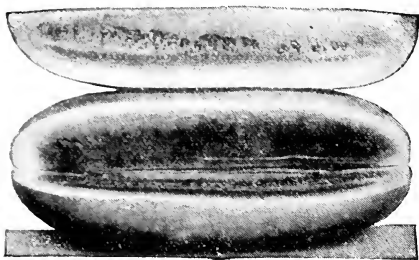
Prizehead

ALL PRICES ON THIS PAGE ARE POSTPAID.

The Lettuce you buy is never as crisp as that cut fresh from your own garden.

Watermelons

CULTURE. Watermelons do best on light, well drained soils, but give good results on any rich garden soil that is well cultivated. One ounce of seed will plant 30 hills; 3 to 4 pounds to an acre.



Kleckley's Sweets

Halbert Honey The introducer describes this as equal in flavor and as handsome as the Kleckley's Sweets and much more productive. A long early melon, with dark, rich glossy green rind, crimson flesh and sweetness that is unsurpassed. Fine for home use and home market, but is too thin and brittle to stand shipment. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Tom Watson One of the most popular shipping melons grown. Large and mottled, flesh red. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Cole's Early Very early. A good variety for either home garden or for market. Flesh deep red. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Georgia Rattlesnake Very large. Flesh dark red, of excellent flavor. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Klondike One of the sweetest and most prolific melons on the market. Seeds are about half the size of others. Flesh deep red, skin dark green. As the seed are so small one pound will go as far as two of most other varieties. Price: Pkt. 5c; oz. 25c; ¼ lb. 85c; ½ lb. \$1.50; 1 lb. \$2.50.

Phinney's Early An early medium sized variety, with pink flesh, sweet and delicious. One of the best for home use. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Golden Honey A desirable yellow meated variety. Thin rind golden yellow flesh, remarkably tender and sweet. First choice with many customers for home use. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Ice Cream or Peerless The excellent quality of this very early melon is undoubted. Medium size, thin rind, bright scarlet flesh. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Winter Queen Sometimes called the "Christmas" watermelon, as it ripens about the first of September and can be kept until Christmas without losing any of its quality. Best adapted to sandy soils, and produces good sized melons, light green to ivory in color, and almost round in shape. Bright pink flesh, very solid, crisp and juicy. Claimed by many to be sweeter than any other melon grown. Don't fail to plant some of this variety. Price: Pkg. 5c; oz. 15c; ¼ lb. 40c; ½ lb. 70c; 1 lb. \$1.25.



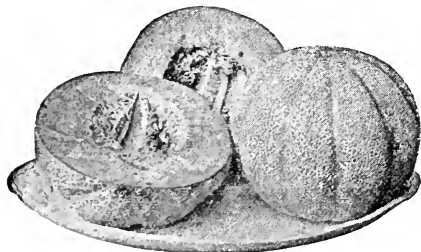
Winter Queen

Kleckley's Sweets or Monte Cristo A splendid sort for home use or near markets. Vine vigorous and productive; fruit of medium size; oval; color, dark mottled green in two shades, forming indistinct stripes. Flesh a beautiful rich red; exceedingly sweet and tender. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Citron Grown for preserving and pickling. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Muskmelons or Cantaloupes

CULTURE. After all danger of frost is past, plant in hills four to six feet apart. Do not plant too deep. 1 ounce to 50 hills; 2 to 3 pounds to acre.



Rockyford

Burrell's Gem The fruits are 6 to 7 inches long by 4½ to 5 inches in diameter, rather sharply sloping at the ends. Well ribbed and covered with a fine grayish netting. The skin is rich dark green, contrasting finely with the deep orange-salmon flesh; sweet and tender. The flesh is thick and firm, ripening close to the skin. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Rocky Ford No other cantaloupe finds such ready sale in the large markets; it is always in demand at good prices. Very uniform in size and quality, thickly netted, distinctly ribbed and firm flesh. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Hearts of Gold Shape slightly oblong, medium size, skin thin, flesh a rich deep orange color, fine grain-ed and of remarkable sweetness and spicy flavor. Very small seed cavity. No other melon equals it for shipping purposes. Price: Pkg. 10c oz. 15c; ¼ lb. 45c; ½ lb. 75c; 1 lb. \$1.25.

Extra-Early Hackensack This is a selection of the popular Hackensack, ripening fully 10 days earlier. Melons of good size, heavily ribbed and netted, thick, light green flesh of fine flavor. Quickly taking the place of the ordinary Hackensack. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Salmon Tinted Pollock 10-25 Meat of fine texture, deep and firm. Color of meat green one-half the depth from rind, the remaining one-half a deep salmon color. Flavor the finest. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Honey Dew Fruits with smooth, almost white rind, measuring about six inches in diameter by seven to eight inches long. The green flesh is thick and is of a peculiar sweet flavor. To have the melons in the best condition, gather as soon as they slip from the vine and store in a cool place for two or three days. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Banana A long salmon fleshed variety of good flavor, growing about fifteen inches long. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

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No order too small or too large.

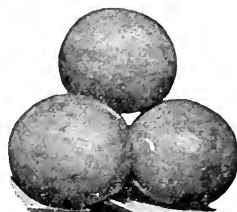
Muskmelons or Cantaloupes (Continued)

Casaba A large green-flesh melon. A good yielder and keeper. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

New Golden Honey Dew A new melon developed in the Rockyford, Colorado district. Has a rich, golden orange flesh, spicy and sweet. A long keeper. Price: Pkg. 5c; oz. 15c; ¼ lb. 45c; ½ lb. 85c; 1 lb. \$1.50.

Early Waters Netted Gem The earliest strain of the "Rockyford." It sets a very heavy first crop. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

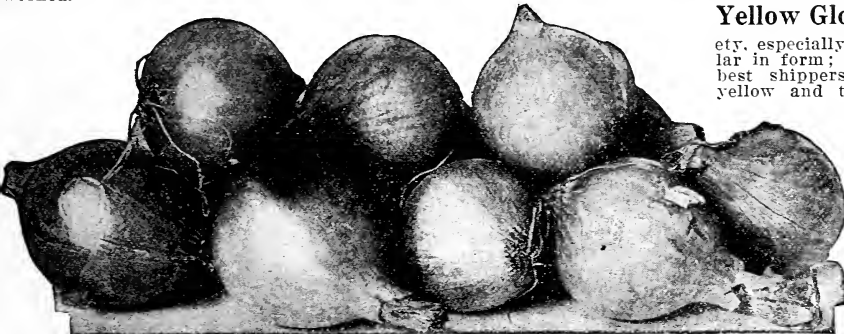
Early Osage A fine melon for nearby markets, large and uniform in size. Flesh is orange salmon colored, fine grained, firm, spicy and sweet. Price: Pkg. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.



New Golden Honey Dew

Onion Seed

CULTURE. On land that is thoroughly plowed, disked and harrowed, sow onion seed in rows 18 inches apart using two to four pounds to the acre. Planting should be done as early as the ground can be properly worked.

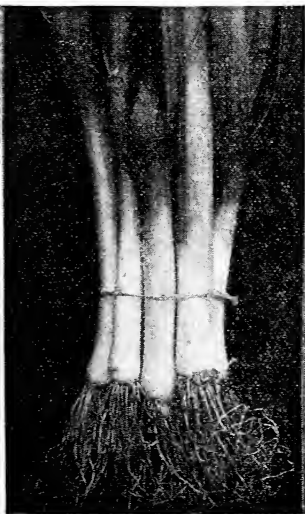


Yellow Globe Danvers

Sweet Spanish A large sweet onion introduced into this country from Spain in recent years, and can be grown very successfully here; the onions are equal to those that used to be imported. Has no bite, nor objectionable strength, being mild, sweet flavored, fine, firm meat of tender texture. Price: Pkg. 10c; oz. 25c; ¼ lb. 80c; ½ lb. \$1.50; 1 lb. \$2.50.

Large Red Wethersfield A standard variety; one of the most productive kinds, even in poor soil. Its good keeping qualities render it one of the best for shipping. Price: Pkg. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.25; 1 lb. \$2.00.

White Portugal or Silver Skin Bulb flattened, thick through, skin clear white, flesh mild and of fine flavor. It is grown extensively for sets and pickling onions and is the best white sort for this purpose. Used extensively in the spring for green and bunch onions. Price: Pkg. 10c; oz. 25c; ¼ lb. 80c; ½ lb. \$1.50; 1 lb. \$2.50.



Bermuda Onion Plants

Yellow Globe Danver A very popular variety, especially for market. It is globular in form; very solid and one of the best shippers. The skin is brownish yellow and the flesh is fine grained, creamy white, crisp, mild and of excellent flavor. One of the best main crop. Price: pkt. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.25; 1 lb. \$2.00.

Texas Yellow

This variety is fast becoming the most popular onion for the market gardener. It is unusually mild in flavor, and is a good keeper. A perfect globe shape, with small top, light straw colored. It has gained great popularity

the last few seasons in the Yakima Valley on account of the large yields, the big demands, and prices received. Pkg. 10c; oz. 35c; ¼ lb. \$1.00; ½ lb. \$1.75; 1 lb. \$3.00.

Prizetaker The handsomest and largest Yellow Globe Onion. Of fine flavor, handsome shape and enormous size. A perfect globe shape, with a bright straw-colored skin; the necks are very small and the onions always ripen up hard. Price: Pkg. 5c; oz. 20c; ¼ lb. 75c; ½ lb. \$1.25; 1 lb. \$2.00.

Southport White Globe Wonderful yielders of firm, solid, handsome globe-shaped onions; sure croppers and splendid keepers. Price: Pkg. 5c; oz. 25c; ¼ lb. 80c; ½ lb. \$1.50; 1 lb. \$2.50.

Yellow Bermuda This valuable onion is the most profitable variety for the grower. It is easily cultivated, grows to a large size and is very mild in flavor. Price: Pkg. 10c; oz. 35c; ¼ lb. \$1.00; ½ lb. \$1.75; 1 lb. \$3.00.

Onion Sets

Bottom Yellow Danvers	1 lb. 2 lbs.
Top Sets	\$0.15 \$0.25
Garlic Sets .....	.15 .25

BERMUDA ONION PLANTS

The new way of raising the large, mild, sweet onion. These onions are not grown from sets but from plants. You can raise them in your own garden and get as good onions as those that are shipped in from Texas. These are the same kind of plants that the Texas growers are using. They grow fast, and can be used for green onions or you can allow them to mature. The plants are field grown and are well hardened and will stand shipping and transplanting. A large number of our growers had fine success with them last year. They come packed 100 in a bunch. Price postpaid: 45c per 200; \$1.00 per 500; \$1.85 per 1000; \$9.00 per 6000.

Okra or Gumbo

CULTURE. Seed can be planted from middle of March until the latter part of August. 1 oz. of seed to 50 foot row. This vegetable produces long and nutritious pods which when young are used in soups and stews, adding a rich flavor.

White Velvet Pods round, smooth and free from seams. Fine flavor. Pkt. 5c; oz. 25c.

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Plant a garden.

Garden Peas

Peas should have a large place in every home garden. By a careful selection of variety and frequent plantings you may have a continuous crop throughout most of the season.



ALASKA PEAS

We suggest:

Early—Alaska, Blue Bantam, Laxtonian, American Wonder.

Second Early—Gradus, Little Gem, Nott's Excelsior, Stratagem, Admiral.

Late—Telephones, Everbearing.

Alaska, or Earliest of All A well-known smooth seeded, extra early variety, extensively used by canners. The vines are strong and vigorous, two feet high and of light green color. The pods are about three inches long, and are well filled with round, blue peas, slightly pitted. **Price:** Pkt. 5c; ¼ lb. 10c; ½ lb. 15c; 1 lb. 25c; 10 lbs. \$2.00.

Gradus or Prosperity The earliest wrinkled variety. Vines grow from two to three feet high. A large producer of fine flavored peas. **Price:** Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Nott's Excelsior A particularly good extra early dwarf wrinkled pea, coming in only a few days after the extra early smooth kinds. Pods average 3 inches long, and are full of large peas of unusually sweet flavor. One foot high, of vigorous constitution and great yielding power. **Price:** Pkg. 5c; ¼ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

American Wonder Very early and of dwarf, compact growth, about 12 inches high. Very popular with those who object to making a support for the vines. The pods are about three inches long, straight, round, blunt at the ends, and light green. The peas are of medium size, wrinkled, and of fine quality. **Price:** Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Dwarf Telephone A large podded second early variety. A large yielder. **Price:** Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Tall Telephone Extra large yielder of big pods, vines grow from four to five feet tall. **Price:** Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Little Gem A medium early dwarf variety, growing about fifteen to twenty inches high, robust, branching and productive. The pods are about three inches long, well filled with medium sized, green wrinkled peas. **Price:** Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Blue Bantam A splendid large podded variety of the Laxtonian type. Height about 15 inches. Vines stout and healthy. Medium dark green; dark green pointed pods 4 inches long containing 6 to 8 deep green peas of excellent quality. Very popular with the market gardeners. **Price:** Pkt. 5c; ¼ lb. 15c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Laxtonian One of the leading dwarfs. A large podded variety on the order of Gradus, though more dwarf and a little earlier. Height 1½ feet, pods and vine dark green; pods 3¾ inches long, straight and pointed, containing 6 to 8 large dark green peas. **Price:** Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Improved Stratagem One of the best of the large podded peas; the pods are of immense size filled with large dark green wrinkled peas of the finest quality; vine of medium height, but very stocky, with very broad, light green leaves, and bearing an abundance of large, handsome pods. **Price:** Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Green Admiral A small seeded, wrinkled pea is especially good for home canning. Very productive and of fine flavor. A common favorite. **Price:** Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Everbearing The vines attain a height of 2½ to 3 feet; foliage large; the pods will average 3 to 4 inches in length, each pod producing 6 to 8 wrinkled peas. These peas are very large, being half an inch and over in diameter, and in quality unsurpassed. For a continuance of bearing this variety is unexcelled. **Price:** Pkg. 5c; ¼ lb. 10c; ½ lb. 20c; 1 lb. 30c; 10 lbs. \$2.50.

Dwarf Grey Sugar Luscious in flavor. An edible pod pea growing about two feet in height. Pods very delicious when cooked same as green or wax beans. **Price:** Pkg. 5c; ¼ lb. 15c; ½ lb. 25c; 1 lb. 40c; 10 lbs. \$3.50.



Nott's Excelsior



Hollow Crown Parsnips

Parsnips

PARSNIP CULTURE

As Parsnip seed germinates very slowly, sow as early in the Spring as possible in rows 18 inches apart. Thin to 3 or 4 inches. The roots are improved by freezing.

Hollow Crown or Long White Roots, very long, white, smooth, tender, sugary, and most excellent flavor. Very hardy; will keep thru the winter without protection. **Price:** Pkg. 5c; oz. 15c; ¼ lb. 25c; ½ lb. 45c; 1 lb. 75c.

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Can Your Own Vegetables.

Peppers

One ounce to 1500 plants.

CULTURE. Sow early in hot beds. When three to four inches tall transplant to well cultivated and highly fertilized soil.

Chinese Giant Very mild in flavor and a favorite for the home garden. Rich, deep green when immature and bright scarlet red when ripe. Flesh thick, mild and sweet.

Ruby King An ideal pepper for either the home or market gardener. Fruit grows to a size of four to five inches in length and three to three and one-half inches in diameter. Color dark green when young, turning to a bright ruby red. Flesh thick, crisp and tender.

Large Bell or Bull Nose Large, mild, thick fleshed variety. Fine for stuffing.

Cayenne Pods small, long and tapering. Coral red when ripe, very hot and strong. best kind for seasoning pickles.

Chili Pods small and pointed; bright scarlet; very pungent when ripe. All peppers postpaid. price pkt. 5c; oz. 60c.



Ruby King

Seed Potatoes (Non-Irrigated)

POTATO GRADES

STATE CERTIFIED STOCK—Potatoes that have been grown, rogued, and inspected under the rules established by the states in which they are grown. They are packed in new bags of 100 lbs. net weight and the State Certificate Tags accompany each shipment.

APPROVED—Potatoes that have passed two field inspections and have been sorted to a good Commercial quality to meet the requirements of this grade. They are packed in new bags of 100 lbs. net weight.

PRICES F. O. B. LEWISTON

STATE CERTIFIED—Early Red Ohios, Cobblers, Netted Gems. 10 lbs. 50c; 25 lbs. \$1.00; 50 lbs. \$1.75; 100 lbs. \$3.00. Write for our special low price on quantities.

APPROVED—Early Ohios, Cobblers, Bliss Triumph, Earliest of All, Early Rose, Early Sunrise or Pink Eye, Netted Gems—10 lbs. 45c; 25 lbs. 90c; 50 lbs. \$1.50; 100 lbs. \$2.50. Write for our special low price on quantities.

We strongly recommend the treatment of seed potatoes with SEMESAN BEL. (See page 27.)

Our seed potatoes are raised under our personal supervision on the non-irrigated lands of the Palouse and Camas Prairie. Selected seed is used and the fields thoroughly rogued and only the strong healthy plants left to mature. The potatoes are stored under the proper conditions for seed and then hand sorted before being shipped.

Idaho Early Irish Cobbler A splendid extra early variety, and the best for early market. The tubers are handsome, almost round, larger than most other early potatoes, and uniform in size and shape. Prolific yielders. The skin is creamy white.

Bliss Triumph One of the earliest and largest yielders. Tubers round and smooth. Pink color.

Earliest of All It is about two weeks earlier and more productive than many other varieties. It is a round, white potato, very similar to Irish Cobbler, is uniform in size and shape, smooth, and of fine quality.

Early Rose The old standard early potato, is one of the best early varieties. Early Rose is too well known to require much description. It is of good size, oblong, the skin is a rosy bluish and the flesh is white.

Early Red Ohio Grown on high dry land. One of the best pink potatoes, similar to Early Rose. Tubers round, oblong shape. Eyes rather shallow but strong. A heavy yielding dependable variety. An old favorite that is still popular.

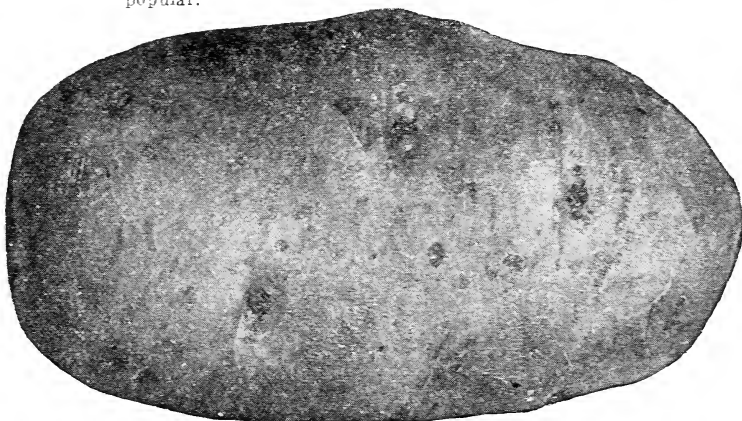


Irish Cobbler

Early Sunrise or Pink Eye This is one of the earliest and best potatoes on the market, and is becoming more popular with our growers each year. Resembles the Early Rose in shape and color, but is earlier, a better yielder and a superior keeper.

Netted Gem Some times called California Russett, Burbank, Idaho, Russett, etc. A splendid main crop late potato that gives good results in dry sections. Tubers are elongated, medium sized with russet netted skin; flesh white, eyes are flush with surface; good keeper and produces a fine yield. This is the variety grown extensively by irrigation in Washington and Idaho for baking. Our stock is extra choice of the most improved type.

"PLANT A GARDEN"



Early Red Ohio

For best results treat your Seed Potatoes with Semesan Bel.

Pumpkins

CULTURE—Pumpkins can be planted with corn, or in the field by themselves. Plant in hills 8 by 10 feet each way; leave four strong plants to the hill. $\frac{1}{2}$ lb. of seed to 100 hills, 3 to 5 lbs. per acre.



Sugar Pumpkin

Sweet or Sugar A handsome and productive small pumpkin, skin, orange; flesh, deep yellow, fine grained, very sweet. This is the famous "New England Pie Pumpkin." Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 50c; 1 lb. 90c.

Giant of All "King of Mammoths." This colossal pumpkin is almost a globe shape. The skin is of a beautiful rich golden yellow, flesh firm, fine grained and deep yellow, sweet flavored, very thick and of excellent quality for so mammoth a variety. These pumpkins attain an enormous size and will carry away prizes at your county fair. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 50c; 1 lb. 80c.

Connecticut Field A large, productive, orange colored field pumpkin, usually grown for stock, but good for pies. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 50c; 1 lb. 80c.

Tennessee Sweet Potato Shape similar to a bell, skin and flesh white, very thick and sweet. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 40c; $\frac{1}{2}$ lb. 75c; 1 lb. \$1.25.

Kentucky Field or Large Cheese A popular variety, skin mottled light green and yellow, changing to rich cream color. Flesh yellow, thick and very nutritious. Excellent for pies and also grown in large quantities for stock. Price, Pkg. 5c; oz. 10c; $\frac{1}{4}$ lb. 25c; $\frac{1}{2}$ lb. 40c; 1 lb. 75c.

Radishes

CULTURE—To have radishes crisp and tender, they must be grown quickly, and therefore require good soil and plenty of moisture. Plant the seed as early as possible, and for a successive supply until late in the season, sow at intervals of ten days in ground that has been deeply dug. Radishes can also be grown between rows of beets, lettuce, etc. One oz. will sow 100 feet of drill.

Early Scarlet Globe A small round, red turnip-shaped radish, with small top and very quick growth; very early; rich color and crisp, tender flesh. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.

Early Scarlet White Tipped This is the favorite little round red radish with the white tip. Planted early in the spring it matures in 25 to 30 days. They are crisp and tender, and the flesh is snow white. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.

Early Long Scarlet An early variety of long type of radish, as popular for market as well as home use. The roots are straight, long and smooth. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.

French Breakfast This radish is a great favorite for family use and home gardens. Olive shaped of rich scarlet color, shading gradually to white at the tip. Should be pulled for eating when about medium size. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.



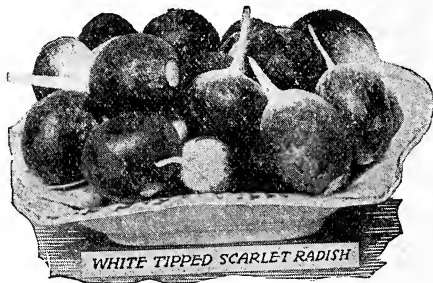
French Breakfast

White Icicle This superb radish is the finest and longest of the very early pure white varieties. Planted in the spring is ready for use in twenty to twenty-five days; their long, slender form and pure, paper-white skin are most attractive when bunched for market. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.

Winter Varieties

China Rose Do not sow this variety earlier than July, and pull before severe frost. Is a very good keeper. The China Rose is shorter and thicker than the Long Scarlet, and is bright rose in color. Flesh is very solid and white. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.

Black Spanish An excellent winter radish. Skin black, flesh white and highly flavored. Price, Pkg. 5c; oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60c; 1 lb. \$1.00.



WHITE TIPPED SCARLET RADISH

Rhubarb or Pie Plant

CULTURE—Rhubarb is as easily grown from seed as from roots. It will grow almost anywhere in the garden, is very productive and will thrive for years. Sow in drills 1 inch deep, 3 to 6 inches apart. In the fall, transplant into good rich soil, about 4 feet apart each way.

Victoria The best variety for family use. Is hardy, and of excellent flavor. Where good table quality is desired, the Victoria cannot be beaten. Price, oz. 15c; $\frac{1}{4}$ lb. 35c; $\frac{1}{2}$ lb. 60; 1 lb. \$1.00.

(For Roots see index)

ALL PRICES ON THIS PAGE ARE POSTPAID

Grow Lots of Pumpkins—Store for Winter.

Spinach

One ounce will sow about 80 feet of row, ten lbs. to the acre. Spinach thrives in any ordinary soil and is a very easy crop to raise. For early spring use seed should be planted in the fall.

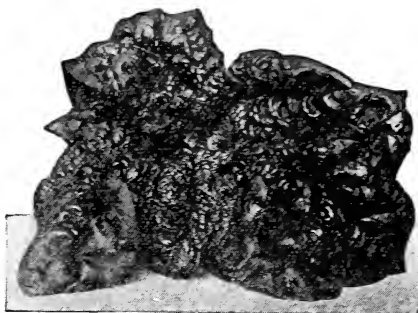
Thick-Leaved Improved A superior variety. It is especially good for early spring and successive planting for summer use, but is also an excellent variety for fall planting for winter and early spring use. A long standing variety, slow in going to seed. Price, Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; 1 lb. 60c.

Bloodsdale Savoy A variety that has become a great favorite within late years. The numerous leaves are curled and wrinkled. A very productive variety, popular with market gardeners. Price, Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; 1 lb. 60c.

Mammoth Victoria Produces large, dark green leaves, somewhat crumpled. Price, Pkg. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; 1 lb. 60c.

Long Standing Has large, thick, round leaves. Very hardy. Adapted for either fall or spring planting. Slow to go to seed. Price, Pkt. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; 1 lb. 60c.

Prickly Leaf The hardiest variety of all. The best variety for fall sowing where winters are severe. Leaves long and pointed. Price, Pkt. 5c; oz. 10c; ¼ lb. 20c; ½ lb. 35c; 1 lb. 60c.



Bloodsdale Savoy Spinach

Salsify, or Vegetable Oyster

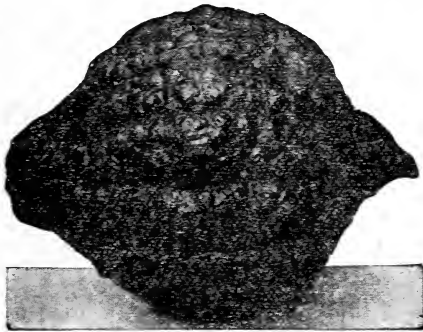
One ounce will sow about 50 feet of row. Sow about one inch deep.

Salsify is one of the most delicious and nutritious of vegetables. Soups and salads made from it have a delicious oyster flavor. Are nice fried in butter or boiled and made into fritters.

Mammoth Sandwich Island The largest variety and the most popular. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Squash

CULTURE: The squash is one of our most valuable and nutritious of vegetables. Both the summer and winter varieties should be planted to secure a continuous supply throughout the summer and winter. One ounce will plant 25 hills, 4 lbs. to the acre.



Improved Hubbard Squash

Improved Hubbard An improved strain of the old well-known standard variety. The flesh is a rich golden yellow color, very fine grained, solid and sweet. The shell is very hard. An excellent keeper. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Golden Hubbard The same shape as the Improved, but the color of the shell is a deep orange-yellow. Flesh deep golden yellow. Fine grained, cooks very dry and of excellent flavor. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Delicious An excellent variety for the home, resembles the Hubbard but surpasses it in the opinion of some as the shell is not so hard and is smaller. Flesh is thick and of finest quality. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Banana A great favorite wherever grown and growing in popularity every year. Grows from one to two feet long. Color bright yellow to olive green. Flesh orange colored, firm and solid. Recognized as the sweetest squash grown. Price, Pkt. 5c; oz. 20c; ¼ lb. 60c; ½ lb. \$1.00; 1 lb. \$1.75.

Acorn or Table Queen Sometimes called the Des Moines or Individual. This is a small acorn shaped squash with dark green skin. Flesh golden yellow. Are served individually by cutting part lengthwise from stem to blossom end, cleaning out seed and placing a large lump of butter in one half, place the two halves back together again bake, serve in the shell. Price, Pkt. 5c; oz. 20c; ¼ lb. 60c; ½ lb. \$1.00; 1 lb. \$1.75.

Sibley or Pikes Peak Smooth shell, thin and a pale green color; the flesh is thick, solid, deep orange color. Very dry, fine grained and a fine flavor. A good keeper. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Boston Marrow The favorite fall and winter squash of the Eastern States. Of large size. Color a deep orange, excellent flavor and a good keeper. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Mammoth Chile This is the great exhibition squash and under special cultivation will attain a great weight and are very attractive in appearance. The skin is a rich orange-yellow, the flesh yellow and very thick. Always fine grained and sweet. A good winter keeper of highest value as a stock feed. Price, Pkt. 5c; oz. 15c; ¼ lb. 50c; ½ lb. 85c; 1 lb. \$1.50.

Summer Crookneck Very early, prolific, solid curved neck, skin yellow, thin. Flesh tender and good quality. Price, Pkt. 5c; oz. 15c; ¼ lb. 40c ½ lb. 75c; 1 lb. \$1.25.

Early White Bush Scallop An extra early variety that is ready for use before any of the other varieties. Easy to grow and should be in all gardens, large or small. Vines will continue to bear if fruit is kept picked off. Price, Pkt. 5c; oz. 15c; ¼ lb. 40c; ½ lb. 75c; 1 lb. \$1.25.



Summer Crookneck Squash

ALL SEED ON THIS PAGE POSTPAID.

Spinach and other Greens are essential in your diet.

Tomatoes

All Our Tomato Seed Treated with Semesan



John Baer

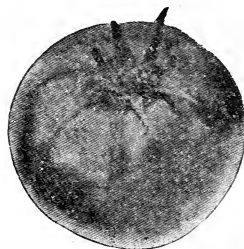
Chalks Early Jewel A fine bright red early Tomato, only a few days later than the Earliana. Fruit large, smooth and regular in shape. Flesh fine quality, very solid and meaty. An excellent tomato for early marketing. Price, Pkt. 5c; oz. 30c; ¼ lb. 85c; ½ lb. \$1.50; 1 lb. \$2.50.

Stone Popular with canners and market gardeners. A good shipper. Color a deep red. Very smooth. Price, Pkt. 5c; oz. 30c; ¼ lb. 85c; ½ lb. \$1.50; 1 lb. \$2.50.

Yellow Pear A small pear shaped tomato. A very heavy yielder. Very hardy. Excellent for preserving. Pkt. 5c; oz. 60c; ¼ lb. \$2.00; ½ lb. \$3.50; 1 lb. \$6.00.

Ground Cherry or Husk Tomato Grows to great perfection under ordinary culture, yielding abundantly; very much prized for preserving; should be in every garden. Price, Pkg. 5c; oz. 60c; ¼ lb. \$2.00; ½ lb. \$3.50; 1 lb. \$6.00.

Tomato Plants See Index



Chalk's Early Jewel



Purple Top Strap Leaf

Cow Horn or Long White A carrot shaped variety, pure white except a green shade at top. Grows large and partly above ground. Has a fine flavor, and is a rapid grower. Good for market use, and is grown very largely for feeding stock. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Early White Egg This is a good, firm, solid and sweet flavored variety. Produces egg shaped roots with thin white skin. Is a very quick grower, being very suitable for both market and home gardens. Price, Pkt 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Grey Stone White flesh, bronze top (greenish purple) perfect round shape. This is a quick grower and can be especially recommended for early harvesting in autumn. A big cropper. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Turnips

Turnip is one of the first seeds that can be sown in the spring. For early summer use sow as soon as ground can be worked. For winter use, sow from the middle of July to end of August. 1 oz. of seed will plant 150 feet. 1 lb. per acre in drills. 2 lbs. broadcast.

Purple Top Strap Leaf A leading white-fleshed variety, and one of the best. either for the family, market garden or field crop. It is medium size, and produces a large crop. The flesh is firm but tender, and of a superior rich buttery flavor. A good keeper. Price, Pkg. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Purple Top Globe One of the most popular turnips, being both early and sweet. Flesh snow white, crisp, sweet and solid; skin is pure white and smooth except at the top which is a reddish purple. A good keeper. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Yellow Aberdeen Pale yellow in color with purple top. Very hardy, productive and a good keeper. Flesh very firm, but tender and sweet. Good for table use or stock feeding. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Extra Early Purple Top Milan As the name implies this is a very early variety, growing turnips of excellent quality. The tops are very small and strap leaved. The roots are semi-flat, purple on top and clear white below. Price, Pkt. 5c; oz. 15c; ¼ lb. 35c; ½ lb. 60c; 1 lb. \$1.00.

Early Snowball This snowy white perfect shaped turnip matures in seven weeks. Is crisp, solid and of fine flavor. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

Rutabaga

All kinds of stock relish and thrive on rutabagas when fed in combination with hay. If planted the last of July or first of August, the tops make an excellent pasture for sheep during the fall, and the rutabagas furnish succulent food for the stock throughout the winter. Yield is very heavy. Also popular for table use.

Improved Yellow Purple Top The popular standard variety both for stock feeding and table use; flesh yellow, solid and sweet. Price, Pkt. 5c; oz. 15c; ¼ lb. 30c; ½ lb. 55c; 1 lb. 90c.

ALL SEED ON THIS PAGE POSTPAID.

Grow your winter supply of Turnips.

Miscellaneous Seeds

BRUSSELS SPROUTS

These are miniature cabbages produced from the side of the stalk. They are regarded as a great delicacy, cooked and served in the same manner as cauliflower. Sow in hot beds in March or April and in the open ground in May. Cultivate the same as Cabbage. Pkt. 5c; oz. 30c; ¼ lb. \$1.00.

COLLARDS

A plant similar to cabbage. It does not, however, produce a head. The center leaves are very tender and used as a pot herb. Are also desirable as greens for poultry and rabbits. Cultivate same as cabbage except plant three feet apart each way.

SOUTHERN GEORGIA—This is the old favorite. Light green leaves. Pkt. 5c; oz. 20c; ¼ lb. 65c.

CRESS or PEPPER GRASS

Grows very quickly from seed sown thinly in drills. Used with lettuce to which it adds an agreeable pungency. Leaves are curled and very ornamental. Pkt. 5c; oz. 25c; ¼ lb. 85c.

EGG PLANT

Should be started in hotbeds and transplanted using same methods as for tomatoes.

NEW YORK IMPROVED—This variety is the general favorite for both market and home gardeners. Very prolific, usually produces four to six large fruits to a plant. Color dark purple. The vigor and productiveness of the plants and the large size, earliness and fine quality of its fruits make it a very profitable variety for the market gardener. Pkt. 5c; oz. 65c; ¼ lb. \$2.00.

ENDIVE

Culture same as for lettuce. Very hardy, grown principally for winter salad. Sow from May until August for a succession of crops. Heads should be blanched—this can easily be done by drawing the leaves to gether into a head and tying them together. This should be done a month before using.

GREEN CURLED—Hardy, vigorous grower with deep green leaves. Pkt. 5c; oz. 20c; ¼ lb. 65c.

KOHLRABI

This vegetable is a cross between a cabbage and a turnip. The edible portion is the large bulb, which forms on the stem above the ground. The bulbs have a mild, delicate, cabbage-like flavor. The plants are hardy and the seed may be sown practically all the year round. Plant like turnips and thin to six inches apart in row. One ounce of seed will produce 2000 plants.

EARLY WHITE VIENNA—Flesh white and tender. Pkt. 5c; oz. 25c; ¼ lb. 75c.

OKRA or GUMBO

When ground is warm, sow thickly in rows and when large enough thin out to one foot apart in the rows. One ounce will sow 30 feet. Produces long and nutritious pods, which when young are used in soups and stews, to which they impart a rich flavor.

LONG GREEN—The long pods, measuring four to six inches, are produced in great quantities. Handsome appearance, green color and of fine quality. Pkt. 5c; oz. 20c; ¼ lb. 65c.

PARSLEY

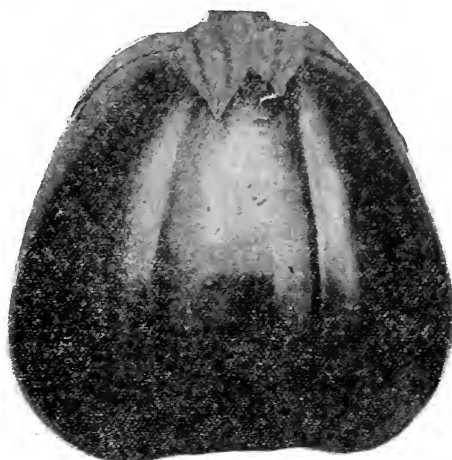
Culture same as lettuce. Parsley is used mostly for seasoning and garnishing. Its flavor is exceedingly pleasant.

CHAMPION MOSS or TRIPLE CURLED—The most popular variety for both the home and market garden. Makes remarkably handsome, compact plants, whose crumpled leaves resemble moss. The finest parsley for garnishing. Pkt. 5c; oz. 20c; ¼ lb. 60c.

TOBACCO

Must be sown early in the spring in frames or hot beds. Transplant to open ground when the weather is warm. Set three feet apart in the row and the rows four feet apart. Cultivate the same as corn.

CONNECTICUT SEED LEAF—Hardy, and the best adapted to cool localities. Grows to a height of about five feet. Pkt. 5c; oz. 75c.



New York Improved Egg Plant

HERBS

ANISE—An annual, cultivated principally for the seed, which has a fragrant smell and pleasant taste, used for medical purposes; leaves used for garnishing and flavoring. Pkt. 5c; oz. 25c.

CATNIP—Perennial, leaves and young shoots used for flavoring. Pkt. 5c; oz. 40c.

DILL—One of the most widely grown herbs. The seed are used in soups, sauces, and stews. The stems, leaves, and flower heads are used to make dill pickles. Pkt. 5c; oz. 20c.

FENNEL—Used for garnishing and fish sauce. Pkt. 5c; oz. 30c.

HOREHOUND—This herb is used for flavoring candy, also in medicine. Sometimes planted as bee pasture. Pkt. 5c; oz. 50c.

SAGE—The most widely grown herb for seasoning. The leaves are used either green or dry. Pkt. 5c; oz. 50c.

SUMMER SAVORY—A hardy annual. When dried the stems, leaves and flowers are used for flavoring soups and dressings. Pkt. 5c; oz. 50c.

SWEET MARJORAM—The tops are used either green or dry for seasoning. Pkt. 5c; oz. 40c.

THYME—Used for flavoring soups, sauces, dressings. Pkt. 5c; oz. 60c.

WORMWOOD—Used as a tonic in the form of tea. Pkt. 5c; oz. 50c.

ROOTS AND PLANTS

LOCALLY GROWN, TRANSPLANTED HARDY STOCK

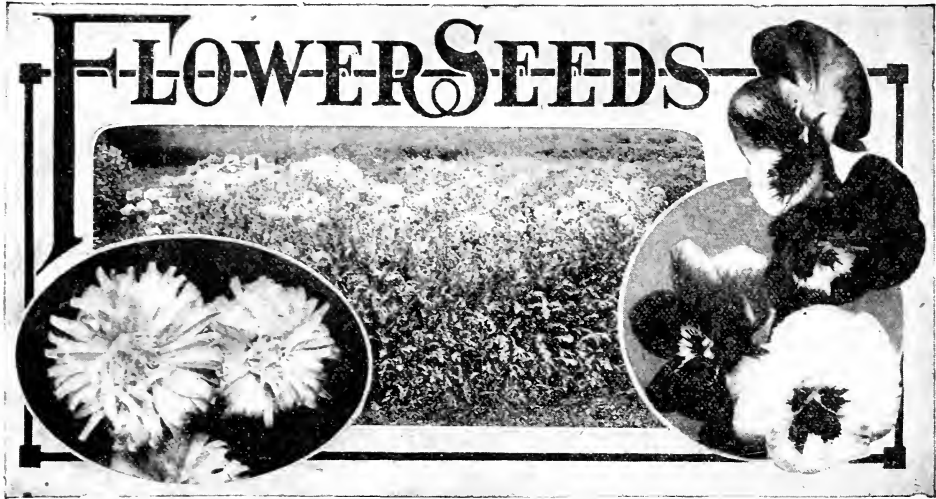
	Postpaid Doz. 100	Not Postpaid Doz. 100
Early and Late Cabbage Plants.....	\$0.20	\$0.85
Early and Late Tomato Plants.....	.30	1.75
Cauliflower Plants .....	.30	1.75
Pepper Plants .....	.30	1.75
Egg Plants .....	.30	1.75
Celery .....	.30	1.75
Sweet Potato Plants .....	.30	1.75
Gold Dollar Strawberry Plants.....		1.50
New Oregon Straw B. Plants.....		1.50
Everbearing Straw B. Plants.....		1.50
Asparagus Roots.....		2.25
Two year Rhubarb Roots, 2 for 30c, postpaid; 2 for 25c, not postpaid.		
Horse radish roots, 2 for 15c, postpaid.		

FLOWER PLANTS

	Postpaid
Pansy, mixed colors.....	Per dozen 600
Aster, Giant, mixed colors.....	Per dozen 50c
Snappedragon, mixed colors	Per dozen 50c

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Our Roots and Plants are from locally grown, well selected, hardy stock.



Asters DWARF MIXTURE—In this mixture only the most distinctive and desirable colors of dwarf asters are used, being especially selected so as to give you satisfaction. **Packet, 10c.**

Asters TALL MIXTURE—This mixture is selected from the best of the tall varieties, in beautiful and striking colors. **Packet, 10c.**

Giant Crego Asters AZURE BLUE—A beautiful shade of deep skyblue with just a shade of pink. A free bloomer with large double flowers on long stems. **Packet 10c.**

PINK—A lovely shell pink aster of great size. **Packet, 10c.**

LAVENDER—A pleasing shade of silvery lavender. **Packet 10c.**

PURPLE—This is an outstanding favorite with many gardeners. A deep rich purple. **Packet 10c.**

WHITE—Pure white flowers of large size. They are always double and never show a yellow center until they are long past their prime. **Packet 10c.**

CRIMSON—A brilliant crimson shade. **Packet 10c.**

Giant Crego Mixed A mixture of the above choice varieties. **Packet 10c.**

Abronia SAND VERBENA—An excellent Verbena like trailing plant with fragrant flowers of bright rose with white center. Does very well in a dry, poor soil and sunny situations on rock work. **Pkt. 10c.**

Adonis PHEASANT'S EYE—Large star-shaped yellow flowers used for rock gardens and borders. Is one of the earliest flowers to bloom. **Pkt. 10c.**

Alyssum SWEET ALYSSUM — Blooms early and lasts through until fall, and shows up to an advantage in borders. Is covered with spikes of small flowers, giving a very pleasing effect. **Pkt. 10c.**

Acrolinium EVERLASTING FLOWER—A pretty everlasting, with daisy-like flowers of bright rose. When cut in bud state can be dried and used in the home, or for bouquets in the winter. **Pkt. 10c.**

Amaranthus LOVE LIES BLEEDING—An annual red flowers, useful for borders of tall plants. When planting, give them sufficient room to fully develop. Can be flowered in small pots under glass. The foliage is brilliant. **Pkt. 10c.**



Cannas

Candytuft Profuse bloomers. They soon flower from seed, and remain long in blossom. Are especially adapted for massing, and for edging borders; also greatly prized for cutting. **Mixed Packet, 10c.**

Canna INDIAN SHOT—Enormous brilliant clusters of bloom borne on spikes above broad leaves of green or bronze, in tropical effect. These are grown from roots, but can be successfully grown from seed if planted early. The seed should be soaked in warm water until it starts to swell and then sow in sandy soil and keep in hot bed or house until the proper season to plant out. **Pkt. 10c.**

Canterbury Bell These fine old plants are rich in color, profuse in bloom and of easy culture. Cup and saucer. Mixed colors, **Packet, 10c.**

Antirrhinum SNAPDRAGON—One of the most valuable flowers which can be readily grown from seed. Large flowers of gorgeous coloring, and very fragrant, produced on immense long spikes, making them well adapted for cut flowers. **Pkt. 10c.**

Arctotis Grandis AFRICAN DAISY — Grows branched bushes 2 to 3 feet high, with daisy-like, showy flowers of pure white on the upper surface, the reverse of petals pale lilac blue. Is valuable as a cut flower, the blooms lasting a week or ten days in water. It delights in a sunny situation, and is very easily grown from seed. If undeveloped buds are cut and placed in a sunny window, every one will open and produce as fine flowers as though left on the plant. **Pkt. 10c.**

Bachelor Button CORN FLOWER — Hardy annual, of simple beauty. Easily cultivated and produces flowers of great variety of rich colors. **Packet, 10c.**

Balsam LADY SLIPPER—A favorite garden flower, producing masses of beautiful, brilliant colored double flowers in great profusion. Succeeds in a good rich soil, and plenty of water. To grow fine specimens the plants should be set from 12 to 18 inches apart. **Pkt. 10c.**

Begonia EVERBLOOMING BEDDING VARIETY—A continuous flowering section of Begonias is of great value for bedding. They are of sturdy growth, about 1 foot high, forming dense bushes, which are completely hidden with flowers of different shades. Easily raised from seed, and as pot plants for winter flowering they are unexcelled, remaining a sheet of bloom throughout the year. **Pkt. 10c.**

Calendula POT MARIGOLD — One of the best hardy annuals, growing in any good garden soil, and producing a fine effect in beds or mixed borders. Continues blooming from early summer until freezing weather. **Pkt. 10c.**

Calliopsis Very graceful border plants. Beautiful free blooming annuals, producing an abundance of showy flowers, which are prized for bouquets and vases. They will thrive anywhere and the flowering season can be lengthened until late autumn by keeping the old flowers cut off. **Pkt. 10c.**

Canary Bird Vine Rapid growing annual vine, with canary yellow blossoms resembling a bird with wings half extended. **Pkt. 10c.**

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No home is so beautiful but that something is lacking without flowers.

Cardinal Climber Considered one of the most beautiful and brilliant annual climbers. Rapid grower with fern-like foliage covered with cardinal red flowers. **Packet, 10c.**

Carnation The Carnation has long been prized as a hardy border flower. It is free flowering, and easily grown, either in flower beds, borders or pots. It is one of the most valuable and beautiful of our summer flowers and a favorite with everyone. Plants raised from seed bloom more profusely than propagated plants, and are therefore to be preferred. **Marguerite Mixed. Packet, 10c.**

Chrysanthemum The single flowering annual Chrysanthemum are showy and effective garden favorites, extensively used for cut flowers. **Mixed. Packet, 10c.**

Clarkia Clarkia are popular summer annuals, hardy: can be grown easily in ordinary soil. Useful for bedding and borders. Grows about 18 inches high and bears bright rose, purple and white flowers. **Best Mixed. Packet, 10c.**

Cockscomb (*Celosia Cristata*)—Very attractive and showy, producing massive heads of red, purple and yellow flowers. **Mixed. Packet, 10c.**

Columbine **AQUILEGIA**—No plant grown from seed is more easily grown and handled, than Columbine. Seed may be sown in the open ground early in the spring, and will, in some cases, bloom the same season; or they may be planted in August or September and will come up early in the spring and make vigorous plants which will bloom profusely during the late spring and summer. **Packet, 10c.**



Cosmos

The National flower of Belgium. **Mixed Packet, 10c.**

Gaillardia **BLANKET FLOWER**—Grows in compact bushy form about 2 feet high and the same in breadth. Bears freely from early spring to late fall, brilliant flowers in red and yellow, blended and shaded. **Mixed colors. Packet, 10c.**

Gypsophila **BABY'S BREATH**—Pretty, free flowering plants succeed in any garden soil. Their misty white panicles of bloom are used largely for mixing with other cut flowers. **Packet, 10c.**

Heliotrope Heliotrope is a universal favorite on account of its delightful fragrance and duration of bloom. It blooms equally as well as a bedding plant in summer, or as pot plants in the house during the winter. Very easily grown. **Finest Mixed. Packet, 10c.**

Helichrysum **Straw Flower**—Helichrysum are an ornament to the garden when growing, and are everywhere prized for the winter decoration of vases. Flowers for drying should be gathered when partially unfolded and suspended with their heads downward in a cool place. **Mixed. Packet, 10c.**

Hollyhocks **DOUBLE MIXED**—The best double perennial Hollyhocks in mixed colors. **Packet, 10c.**

HOLLYHOCKS. SINGLE MIXED. Packet, 10c.

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Flowers speak a language of beauty that is understood by all.



Carnations

Coreopsis Large, showy, bright yellow flowers produced in great abundance from June until frost. Height 1 to 2 feet. **Packet, 10c.**

Cosmos Beautiful summer and autumn blooming plants. They produce thousands of artistic flowers in pure white, pink and crimson shades, furnishing an abundance of cut flowers for Fall when other flowers are scarce. Should be sown in spring, in the open ground when danger of frost is past, or the seed may be started under cover and transplanted. Plant not less than 18 inches apart. When the plants are about a foot high the tops should be pinched out to induce a bushy growth. **Mixed colors. Packet, 10c.**

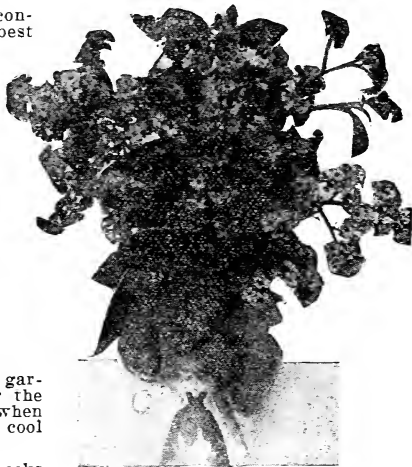
Cypress Vine Rapid growing climber with fern-like foliage dotted with small star-shaped flowers, orange scarlet and white in color. Soak seed before planting. **Pkt. 10c.**

Coleus **FLAME NETTLE**—The handsomest foliage plant that can be raised from seed. The leaves often measure 10 inches in length and eight inches wide, heart shaped, crimped, toothed, and frilled with a very rich color combination. **Fine mixed. Packet, 10c.**

Shasta Daisy Immense white flowers borne in great profusion. Easy to grow even in poor soil. Makes a fine display, blooming throughout the season. Grows 2 to 3 feet tall. **Packet, 10c.**

Forget-Me-Not

MYOSOTIS—These are considered among the best spring flowers. Respond to good treatment, and flourish in shady, moist situations.



Heliotrope



Larkspur

Kochia **MEXICAN BURNING BUSH**—An easily grown annual, forms a cypress-like hedge of green of perfect symmetry; by midsummer it attains a height of about 3 feet, and late in the autumn the whole plant becomes a deep red. A splendid plant to divide the vegetable from the flower garden, or for forming a hedge. **Packet, 10c.**

Kudzu Vine Beautiful Japan Climber, hardy perennial with fragrant purplish-violet flowers. **Packet, 10c.**

Larkspur **DOUBLE DELPHINIUM**—This is one of the best known of the garden flowers, and in recent years a vast improvement has been made by careful selection in size and color of the blossoms and the general habit of the plants. Seed sown in the open ground before the close of April will produce flowering plants by the beginning of July, and give a continuous succession of flowers from then until frost. Mixed colors. **Packet, 10c.**

Lobelia Delicate low growing annual plant of the greatest value for borders, edgings, and hanging baskets. Mixed. **Packet, 10c.**

Marigold **FRENCH MIXED**—Compact and regular in growth, useful for bedding. Mixed colors. **Packet, 10c.**

Marigold **AFRICAN MIXED**—Better suited for planting in mixed borders or among trees and shrubs. Mixed colors. **Packet, 10c.**

Mignonette A well known fragrant favorite and every flower garden should have a bed. Sowings made in April and July will furnish a succession from early summer until late frost. Can also be grown in pots for winter and early spring flowers. **Packet, 10c.**

Morning Glory Tall mixed. One of the standard rapid-grown climbers, easily cultivated. **Packet, 10c.**

Nasturtium, Tall Rapid growing climber. Mixed colors. **Packet, 10c.**

Nasturtium Dwarf Desirable for bedding. Mixed colors. **Packet, 10c.**

Nigella **LOVE-IN-A-MIST**—A compact free flowering plant, with finely cut foliage, curious looking flowers and seed pods. Very easily cultivated, growing in any garden soil. Blue and white mixed. **Pkt. 10c.**

Pansies Pansies are too well known to require any description, as they are favorites with all. For best results you must start with a good strain. The finest pansies are, as a rule, shy seeders, which accounts for the difference in prices of different mixtures. **Pkt. 10c.**

Petunia For outdoor decoration, porch or window boxes few plants equal the Petunia. They commence flowering early and continue to bloom throughout the season. Easy to cultivate, only require a good soil and sunny position.

LARGE FLOWERING DOUBLE PETUNIAS—In growing Double Petunias from seed the weaker seedlings should be carefully saved, as these usually produce the finest double flowers. Double Mixed. **Pkt. 35c.**

SINGLE PETUNIAS—This is a mixture of all the best varieties and will make a beautiful showing. **Packet, 10c.**

Phlox Phlox is one of the easiest grown and most popular of all the summer flowering annuals. The brilliant colors always make a good impression. One of its most valuable characteristics is its free-blooming habit. To have good stocky plants the seedlings should be thinned to stand not less than 6 inches apart in the row. Sow early in the spring. We offer a blend of the best varieties of the tall annual Phlox. **Pkt. 10c.**

Pinks **ANNUAL DIANTHUS — SINGLE** — Few flowers equal the old fashioned pinks in beauty and profusion of bloom. They are easily grown and do well in almost any kind of soil and location. Sow seed in ground when the maples are coming into leaf. Cover with $\frac{1}{4}$ inch of soil. Best single mixed. **Packet, 10c.**



Pinks



Oriental Poppies

Pinks **Double China**—This is a great favorite with gardeners who appreciate a fine show of annual pinks from midsummer until frost. The flowers of these Double Chinese Pinks are borne in clusters carried upright on strong stems. In addition to colors such as white, pink, rose, scarlet, crimson, and maroon, there are many which are attractively bordered with a narrow or broad white edge. **Packet, 10c.**

Portulaca **MOSS ROSE**—A beautiful hardy annual unsurpassed in brilliancy by any other annual. The plants are low growing and creep along the ground. They thrive in almost any location. A complete mixture, orange, white, red, salmon, buff, and other shades. **Packet, 10c.**

Oriental Poppies Oriental Poppies should be sown in the open ground as soon as it can be worked. Mixed. **Packet, 10c.**

Shirley Poppies Annual poppies should be sown as early as the ground can be worked. Sow in permanent bed as they do not stand transplanting. If picked just before expanding, they will last for several days. Mixed. **Packet, 10c.**

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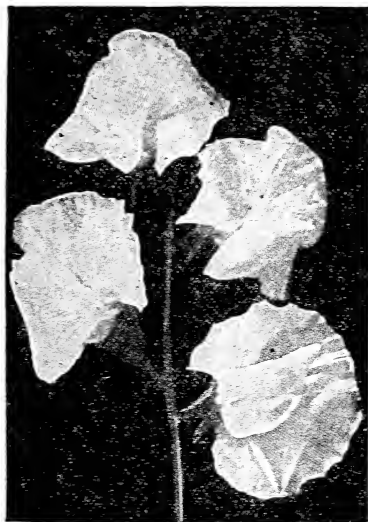
A small amount of flower seed will work wonders with any home.

California Poppies A showy and free flowering annual. Blooms very early. Plants are adapted for beds or borders. Mixed. Pkt. 10c.

Ricinus CASTOR OIL BEAN—An easily grown plant of picturesque appearance. Grows from 8 to 10 feet in height and bear immense leaves. The plant is surmounted by large flower spikes and brilliant colored seed-pods. Should not be set closer than 5 feet apart. The large seed should be planted in boxes in March and plants transplanted in May. Pkt. 10c.



California Poppies



Spencer Sweet Peas

Stock The plants of the large flowering Ten Weeks Stock grow from 15 to 18 inches tall. They are used for borders, florists designs or pot culture. The sweet scented double flowers are borne profusely on strong stocky spikes. Best mixed. Packet, 10c.

Verbena Verbenas thrive in almost any situation and in all good soil. They make very attractive borders and beds, bloom freely from June until October. Plant the seed indoors in February or March, and transplant outdoors in May. Keep the soil moist, as the seed requires as long as three weeks to germinate. We offer a collection of Mammoth Verbena, which produce splendid clusters in a wide range of colors. Pkt. 10c.

Wall Flower These sweet-scented flowers are beautiful for beds, borders, or for cutting. Mixed colors. Pkt. 10c.

Giant Zinnias Easily grown, doing well in most any kind of soil. Blooms freely from early summer until frost. Our special strain of Giant Zinnias represent the largest and most perfectly formed Zinnias grown. Packet, 10c.

New Dahlia Flowering Zinnias Dahlia Flowering Zinnias are of recent origin, yet they quickly became known because of their many outstanding features. The flowers are of an immense size. They are made up of a large number of small petals, which stand well apart, adding greatly to the grace and looseness of the bloom. Seed may be started indoors or planted direct in the garden after danger of frost is past. Will bloom from midsummer until frost. We offer a complete mixture of popular shades. Pkt. 10c.

POLAR BEAR—This is the best of all the White Zinnias. Large well formed and double. Packet 10c.

GOLDEN STATE—Rich golden yellow shading to bright orange when the flowers reach their full size. Packet 10c.

CRIMSON MONARCH—Rich Crimson. By far the largest and best of the red shades. Flowers often eight inches in diameter. Packet 10c.

DREAM—A distinct shade of deep lavender changing to a purple tint as the flowers age. Packet 10c.

ORIOLE—An immense orange and gold bicolor. A very popular variety. Packet 10c.

MIXED DAHLIA FLOWERED ZINNIA—A special mixture of the choice colors. Packet 10c.

Salpiglossis PAINTED TONGUE—One of the finest annuals of very easy culture, succeeding in any ordinary good soil. Should be planted in a sunny position. Plants grow about 2 feet tall and bear freely from midsummer until frost. Seed may be started in the house or planted out doors after danger of frost is past. Finest mixed. Packet, 10c.

Salvia FLOWERY SAGE—The Scarlet sage has long been a favorite bedding plant, bearing long spikes of flowers in profusion from July to frost. Seed can be started in hotbeds or in the open ground after danger of frost is past. Pkt. 10c.

Snapdragon (See Antirrhinum)

Scarlet Runner Beans A great favorite in Europe, not only as an ornamental climber, but for the delicious edible beans which follow the spray of bright scarlet pea shaped blossoms. Packet, 10c.

Sweet William A well known hardy, free flowering perennial, used in beds and borders. Produce rich and varied flowers. Grown from seed sown in the ground. We offer a splendid strain of all colors in a mixture. Packet, 10c.

Sweet Peas, Early Flowering Orchid or Spencer

This type of Sweet Peas is equally popular with the florist for forcing as with the amateur for outdoor culture, as they come into flower five or six weeks earlier than the regular orchid-flowering type, and if the flowers are kept picked will continue to bloom over a period of nearly four months.

Spencer Sweet Peas—

KING RED—The best pure red.

KING WHITE—Finest pure white.

COUNTRESS—Deep rich maroon.

YOUTH—White edged with delicate soft pink.

NUBIAN—Chocolate.

DOBBIES CREAM—Primrose.

PURPLE SPENCER—Lavender, suffused with mauve. Straight colors. Packet, 10c; 1 oz. 30c.

Mixed Spencer

The best assortment of new and choice Spencer's in an even mixture. Packet, 10c; oz. 25c.



Dahlia Flowered Zinnia

ALL SEED ON THIS PAGE POSTPAID

Sweet Peas are a necessity for every garden—Our Spencer varieties are the best.

Roses

35c each; 5 for \$1.50, Postpaid.



Frau Karl Druschki

Mable Morse (New) Clear golden yellow, glossy foliage, free bloomer.

Shot Silk (New) Coppery rose overshot with apricot and yellow, extremely beautiful.

CLIMBING ROSES

Climbing Los Angeles. Deep Pink.

Climbing Mme. C. Testout. Rosy Pink.

Climbing Ed. Herriot. Coral Red.

SPECIAL—35c each; 5 for \$1.50, Postpaid

Black Locust Trees

Plant a woodlot or wind break. The Black Locust is a rapid growing tree, and the wood makes good fence posts.

Two year old trees at.....25c each; 5 for \$1.00

Three year old trees at.....30c each; 4 for \$1.00

Four year old trees at.....50c each; 3 for \$1.00

F. O. B. Lewiston.

Our Roses are large, sturdy 2 year old field grown bushes. They are true to name and the following list includes the best of the most popular varieties. We are making a special price of these varieties of 35c each or 5 for \$1.50, postage paid. We have a good size stock, but at these prices they will sell very fast and we suggest you place your order early, as soon as you receive this catalog, and we will make shipment as soon as the planting season opens. Please state if we may substitute sold out varieties with others equally as good.

Betty Uprichard Rich carmine, orange, copper base.

Cheerful Shining pink, orange and yellow.

Constance Orange buds, pure yellow blooms.

Dorothy Page Roberts Coppery pink and apricot.

Felicity Brilliant rose veined crimson.

Frau Karl Druschki Snow white, very large.

Golden Emblem Rich golden yellow, fine buds.

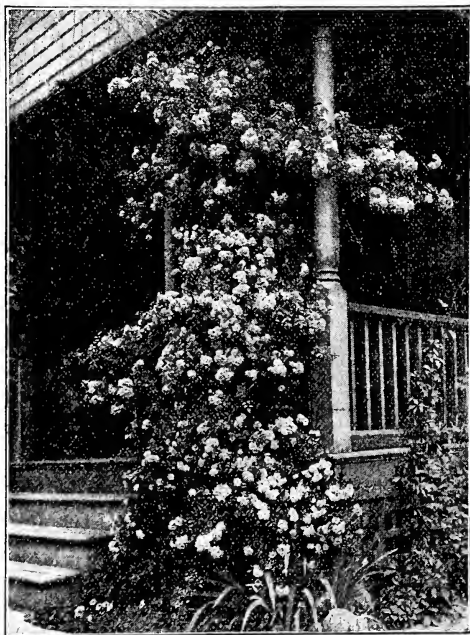
Hadley Rich velvety crimson.

Imperial Potentate Rich rosy carmine, fine buds, splendid cut flowers.

Lady Ashton Deep pink, yellow base, fragrant.

Lord Charlemont Deep crimson, two pointed buds, free flowering, fine cut flowers.

Los Angeles Flame pink shaded salmon, lovely buds.



Climbing Rose

The rose is the finest cultivated blooming plant—the Queen of Flowers—plant more of them.

Nursery Department

Almond (Prunus)

PINK FLOWERING (P. Japonica)—Well known early dwarf shrub. Double clear pink little roses festoon the gracefully bending branches. Height at maturity 3 ft. Each, \$1.25.

Althaea (Rose of Sharon)

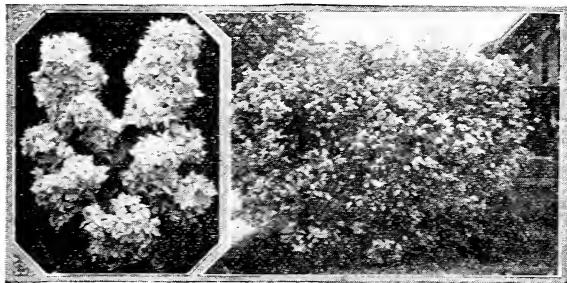
Late summer blooming continues into the fall when color is scarce, bearing flowers that closely resemble Hollyhocks in color and size. Colors pink, white or red. Maturity height 10 feet. Each, 75c.

Buddleia

FARQUHARI, A new, rather dwarf, compact growing variety of the Butterfly Bush or Summer Lilac. Has rich green foliage with silvery reverse and bears in late summer long racemes of rich lilac-purple flowers. 2-year. Each, 75c.

Barberry

B. THUNBERG—(Japanese)—Low growing with clusters of white flowers in May. Foliage changes to a red in Autumn. Maturity height 4 feet. Each, 75c.



Lilacs

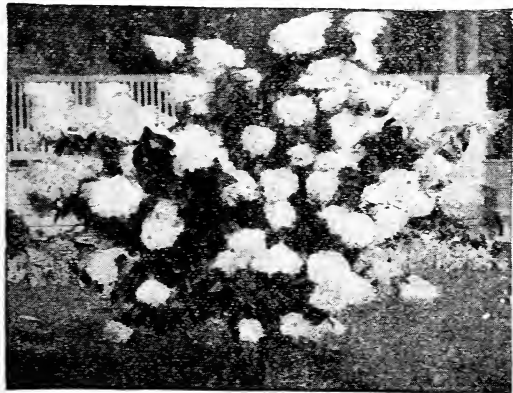
Deutzia

DEUTZIA GRACILIS—One of our daintiest and most graceful flowering shrubs: low growing, slender branches, covered with a profusion of flowers, white with a blush of pink in the bud. Each, \$1.00.

LEMOINE'S—(D. Lemoinei)—One of the hardiest and most popular varieties, flowers in large clusters of pure white. Grows to 6 feet high. Each, 75c.

PRIDE OF ROCHESTER—(Deutzia Crenata)—Pure white, tinged with blush. Flowers very double, blooming May and June. Maturity height 6 ft. Each, 75c.

WATERI—(D. Crenata Flora Rosa Plena)—Beautiful dainty double pink flowers. A fine lawn subject. Very showy. Grows to 6 ft. Each, \$1.00.



Hydrangea P. G.



Deutzia

Forsythia (Golden Bell)

F. FORTUNEI—Blooms in dense masses of golden yellow flowers in early Spring. Beautiful as lawn tree. Each, 75c.

INTERMEDIA—One of the finest shrubs for early Spring blooming. Yellow flowers appear before leaves. Height at maturity 4 feet. Each, \$1.00.

Honeysuckle (Bush)

WHITE TARTARIAN—Bushy upright growth, flowers freely. Red and orange berries stay on until Fall. Maturity height 8 feet. Each, 75c.

Hydrangea

JAPANESE OTAKSA—One of the most popular lawn plants. The flowers run in shades of pink, blue and white, mineral in soil often changing them to two or three shades in one. For shady places. Maturity height 4 feet. Each, 75c to \$1.50.

PANICULATA GRANDIFLORA—(Tree Hydrangea)—Grows to six feet high. Flowers are in cone shape on ends of branches, pure white, afterwards changing to pink, remaining on tree until frost. Each, \$1.00.

Lilac (Syringa Vulgaris)

Maturity height about 15 feet.

COMMON—White or purple. Each, 75c.

CHAS. SARGENT—Violent-mauve blended with sky-blue enormous flowers. Grafted. Each, \$1.35.

Mock Orange (Syringa)

Large hardy shrub with a profusion of white creamy flowers, very fragrant. Maturity height 12 feet. Grafted. Each, 75c.

Quince

JAPANESE FLOWERING—Covered with bright scarlet flowers very early in Spring before leaves appear. Maturity height 4 feet. Each, \$1.00.

Russian Olive

Large shrub with long narrow silvery foliage. Flowers yellow, appearing in May, followed by yellow berries. Maturity height 10 feet. Each, \$1.00.



Tamarix

JUNIPERANA—(Africana)—Ornamental tree with soft, juniper-like leaves, pink flowers. Maturity height 14 feet. Each, \$1.00.

Weigelia

A most desirable free flowering shrub covered in the late Spring with a mass of trumpet-shaped flowers, showing a profusion of bloom that is unequalled. Maturity height 12 ft. Each, 75c.

CANDIDA—Flowers white, bush tall.

ROSEA—Flowers light pink, shrub compact.

EVA RATHKE—Flowers red, one of the best.

VARIEGATED—Leaves become silver white.

Privet (Ligustrum)

CALIFORNIA PRIVET (*L. Ovalifolium*)—Our best plant for hedges. Plant in double row 2 feet apart, 6 inches between plants. Maturity height 10 feet.

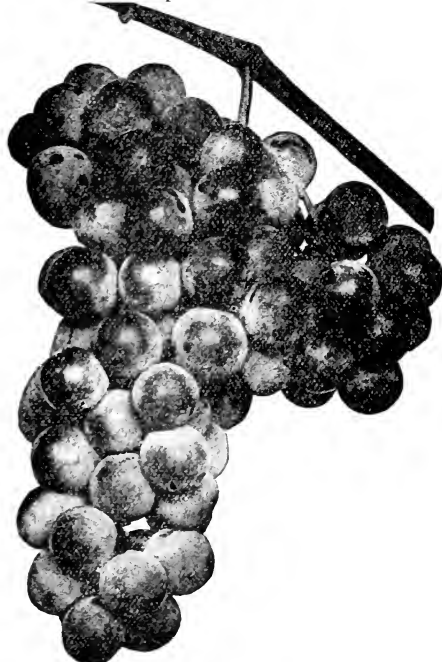
18 to 24 inch, 10 plants.....\$1.00; 100, \$7.50

24 to 30 inch, 10 plants.....\$1.25; 100, \$10.00

ENGLISH PRIVET (*L. Vulgare*) — A little hardier, for colder climate, leaves smaller. Maturity height 10 feet.

18 to 24 inch, 10 plants.....\$1.00; 100, \$ 7.50

24 to 30 inch 10 plants.....\$1.25; 100, \$10.00



Niagara Grape

Spirea

BILLARDI'S—(*S. Billardi*)—Flowers red in dense spikes, blooms most of summer. Maturity height 4 feet. Each, 60c.

BLUE SPIREA—Beautiful Autumn blooming shrub. Flowers bright blue the entire length of stems. Maturity height 4 feet. Each, 60c.

CRIMSON—**Anthony Waterer**—(*S. Bumalda*)—A desirable variety, deep red flowers, blooming all Summer; fine for foreground planting. Maturity height 4 feet. Each, 60c.

JAPANESE—(*S. Callosa*)—Purplish foliage while young, flowers rosy pink in July. Maturity height 4 feet. Each, 60c.

THUNBERGII — Charming spirea with graceful form and abundant blooms. Maturity height 4 feet. Each, 60c.

VAN HOUTTEI'S BRIDAL WREATH—(*S. Vanhouttei*)—Very graceful; flowers white in clusters. May. Maturity height 6 ft. Each, 60c.

Snowball

COMMON—Flowers globular, pure white, in May. Maturity height 12 feet. 2 to 3 ft. Each, 75c.

Symphoricarpos (Snowberry)

S. OCCIDENTALIS—Western snowberry. A native shrub of spreading habit, bearing small pink flowers in Summer and clusters of large clear white berries in Winter. Maturity height 5 ft. Each, 50c.

S. VULGARIS—**Indian Currant**—Red fruited snowberry, habits similar to white, but loaded with dark red berries Fall and Winter. Grows to 4 feet. Each, 50c.



Snowball

Grapes

CAMPBELL'S EARLY—Nearly round, black, with light purple bloom; flesh rather firm but tender; quality rich, sweet, slightly vinous, a strong vigorous grower. August.

CONCORD—Large, black grape; bunches compact; berries round, sweet, pleasant. August.

DELAWARE—One of the finest of our native grapes; grows freely; perfectly hardy; ripens early; berries small, bright red. August.

LUCILE—Good medium large red grape, hardy.

MOORE'S EARLY—Berry large, resembling Concord, but more pulp and earlier.

NIAGARA—Bunch medium; berry large roundish, uniform; skin thin but rough; pale yellow flesh tender and sweet; vine vigorous and productive; one of the best white. September.

WORDEN—Bunch large and compact; berry large, black; improved Concord. Late August.

2- year plants, each 20c; 10, \$1.75; 100, \$15.00.

Field Seeds

The first price of grass or clover seed is not the most important factor that should govern the purchase. Nothing is more important to the farmer than that the seed he sows should be pure and clean. The seed should also be heavy, plump and matured, so as to insure a good stand. Highest quality, thoroughly re-cleaned seed, like our Lewis-Clark Quality, though costing slightly more in the beginning, is really much cheaper in the end than grades sold at lower prices. Heavy plump seed germinates better and will produce a greater number of strong plants. With our years of experience, knowledge, and up-to-date cleaning machinery, we are in a position to furnish you field seeds that will satisfy every requirement at a reasonable price.

If you are planning to seed a large acreage write us, and we will gladly quote you a quantity price and send sample and purity tests of our stock.

OUR BRANDS

LEWIS-CLARK is our best brand and only the best seed obtainable is so branded. It is always 99% pure and usually higher, no noxious weeds, and of the highest germination. We recommend this brand.

FANCY—Our Fancy grade is equal to, and in many cases has a higher purity and germination than other so-called "best" brands. Tests 98% or better.

CHOICE—Although lower in purity and germination than our other two grades, our Choice grade is good seed 97% or better pure.

ALL FIELD SEED PRICES ARE F. O. B. LEWISTON
UNLESS OTHERWISE STATED.

Timothy

Timothy is by far the most valuable of all grasses for hay, and is also fine for mixing with red or alsike clover for either hay or pasture. Our seed is Northern Idaho grown, re-cleaned and put in the best condition for seeding.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Prime	\$0.09	\$0.90	\$4.25	\$8.00
Choice .....	.10	1.00	4.50	8.50
Fancy .....	.11	1.10	4.75	9.00
Lewis-Clark Quality.....	.12	1.20	5.00	9.50

Kentucky Blue Grass

Makes the best pasture of any grass. Starts early in the spring, and lasts until late in the fall. Should form part of every pasture mixture. Also used extensively for lawns.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Fancy	\$0.55	\$5.30	\$26.00	\$50.00
Lewis-Clark Quality .....	.60	5.80	28.50	55.00



Canadian Blue Grass

Somewhat resembles Kentucky Blue Grass but is shorter and more slender. Thrives on even hard clay soil where there is not enough lime for Kentucky Blue Grass. For mixtures it is best to use Red Top or Orchard Grass, as it does not thrive when mixed with clovers.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Fancy	\$0.35	\$3.25	\$16.00	\$30.00
Lewis-Clark Quality .....	.40	3.75	18.50	35.00

Slender Wheat or Bunch Grass

Sometimes called western Rye Grass. This is the famous bunch grass of the Canadian Northwest, and is one of the surest hay grasses for this section. Will withstand drought and extreme cold winters, produces large hay crops, and makes excellent permanent pastures.

L-C Qual. 1b. 25c; 10 lbs. \$2.25; 50 lbs. \$11.00; 100 lbs. \$20.

English or Perennial Rye Grass

A quick growing, nutritious variety, forming a dense, even sod, and is used extensively for pastures, meadows and lawns. Succeeds as well in the shade as in the sun. Will stand close cropping, and has a strong successive growth.

Lewis-Clark Quality—1 lb. \$0.25; 10 lbs. \$2.25; 50 lbs. \$11.00; 100 lbs. \$20.00

Italian Rye Grass

This variety is distinct from the others, growing larger and stronger. Is well adapted for pasture or hay, making an early spring growth, and is also valuable sown as a catch crop where clover has died or winter killed.

Lewis-Clark Quality—1 lb. \$0.35; 10 lbs. \$2.25; 50 lbs. \$11.00; 100 lbs. \$20.00

Domestic Rye Grass

This variety of Rye Grass is rapidly increasing in favor with dairy men in this district. Those who have used it claim that it will carry more stock than any other grass, and will increase the milk flow. At the price we can furnish you this seed, it will pay every dairy man to plant a few acres.

Lewis-Clark Quality—1 lb. 20c; 10 lbs. \$1.90; 50 lbs. \$8.50; 100 lbs. \$15.00.

Domestic Rye Grass



We recommend the Lewis-Clark Quality Seed as the best obtainable.



Meadow Fescue

Meadow Fescue or English Blue Grass

Especially fine for permanent pasture; also good for hay. Grows two to three feet high, but not in bunches like Orchard Grass. Succeeds on poor soils and withstands extremely dry weather.

Lewis-Clark Quality—1 lb. 30c; 10 lbs. \$2.75; 50 lbs. \$13.50; 100 lbs. \$25.00

Tall Meadow Oat Grass

The earliest grass of all for either pasture or hay. Is especially adapted to our western country, being a quick grower, often reaching a height of three to four feet in June. Has a deep rooting system, which enables it to withstand a long drought, remaining green all seasons of the year. Cut during the blooming period for hay. Grows quickly after mowing, and will furnish a second and sometimes a third cutting. Sow 25 or 30 pounds to the acre.

Lewis-Clark Quality—1 lb. 35c; 10 lbs. \$3.25; 50 lbs. \$15.50; 100 lbs. \$30.00

Bromus Inermis or Brome Grass

A wonderful drought-resisting grass for the stock raiser. Stands at the head of all grasses as the most valuable for localities where conditions demand a drought-resisting plant.

A vigorous, hardy perennial with strong creeping root stalks; smooth, upright, leafy stems, one to four feet high. In a few years it forms a tough sod, soon crowding out other grasses and weeds. It forms a permanent pasture which starts very early in the spring and remains green until late in the fall. Without a doubt this is one of the best grasses to plant for a permanent pasture.

Seeding is done either in the spring or fall at the rate of 15 to 20 pounds to the acre. Our seed is northern grown, very hardy and thoroughly cleaned.

Lewis-Clark Quality—1 lb. 25c; 10 lbs. \$2.30; 50 lbs. \$11.00; 100 lbs. \$21.50

Tall Fescue Grass

Tall Fescue should form a part of all pasture mixtures on wet or clay soils. The grass grows two to four feet tall, forming tufts or bunches.

Lewis-Clark Quality—1 lb. 30c; 10 lbs. \$2.75; 50 lbs. \$13.00; 100 lbs. \$25

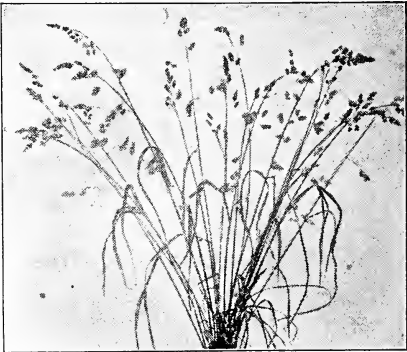
Mixed Alsike Clover and Timothy

In cleaning the large amount of Timothy and Clover seed we handle, there is always a certain amount of mixed Alsike and Timothy taken out that cannot be separated. The mixture is the largest and plumpseed of the lots and contains about 25% Alsike and 75% Timothy. Anyone who is going to plant Alsike and Timothy together can save money by buying this seed. Per lb. 15c.

Orchard Grass

Orchard Grass is equally good for pasture or hay. When mixed with Alfalfa makes high quality feed, especially fine for livestock. Extra good in pasture mixtures on account of its earliness and its ability to withstand drought and close pasturing.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Choice	\$0.30	\$3.00	\$14.75	\$28.00
Fancy .....	.33	3.20	15.25	29.00
Lewis-Clark .....	.35	3.40	15.75	30.00



Orchard Grass

Red Top

A valuable grass for moist or even marshy lands and also on soils that are not rich enough for Timothy and other grasses and clovers. When mixed with Alsike at the rate of 6 pounds of Red Top and 4 pounds of Alsike to the acre, it makes a fine crop of hay or a good pasture. To make the best quality of hay it should be cut in full bloom.

L-C Quality—1 lb. 35c; 10 lbs. \$3.25; 50 lbs. \$16.00; 100 lbs. \$30.00.

Ladino Clover

Ladino is a tall growing variety of white clover which has proven its great worth as a pasture clover. Here in Idaho it has yielded twice as much pasture as blue grass and grows tall enough to cut for hay. The clover that the Dairyman has been looking for.



Price, \$1.50 per pound. Postpaid.

Permanent Pasture or Meadow Mixture

Nothing produces a better meadow than a mixture of grasses specially selected for the purpose. These selections have been made after several years of thought and experience, and meadows sown with this grass-clover mixture will occupy the ground more closely, and will produce a better quality and larger yield of hay and subsequent fall pasturage, and will last ten or even twenty years. Some of the grasses used in this mixture mature early, others medium late, and one or the other will be at its best from early spring until snow covers the ground. Sow from 15 to 20 pounds per acre.

Prices—10 lbs. \$1.75; 50 lbs. \$8.25; 100 lbs. \$16.00

Mixed Alsike and Red Clover



We have a limited supply of mixed Alsike and Red Clover seed. This is Fancy re-cleaned seed and at the price we are offering this it is an extra good buy for dairymen for hay.

Prices: 1 lb. 35c; 25 lbs. \$8.50; 50 lbs. \$16.50; 100 lbs. \$32.50.

Our first consideration is quality and our prices are as low as first class seed can be sold.

Alfalfa

The most valuable of all legume crops

Alfalfa has done more to increase the value of farm lands than any other crop raised. It will thrive on any soil except a wet one, and not only produces a valuable hay crop of several tons to the acre but also enriches the soil on which it is grown.

It is of the utmost importance that the seed bed be carefully prepared. The ground should be finely pulverized but firm. As alfalfa is an expensive crop to sow, and since a good stand will last for a number of years, it is very important that none but the best seed be used. Cheap seed of inferior quality may result in a poor stand or be the cause of the farm becoming infested with noxious weeds.

Our seed is secured in the large producing districts by men who carefully select only the best lots for our particular trade. When you order your seed from us you may rest assured that you are getting stock of the highest quality.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Lewis-Clark Quality	\$0.40	\$3.75	\$16.75	\$32.00
Fancy .....	.38	3.60	16.25	31.00
Choice .....	.35	3.40	15.75	30.00

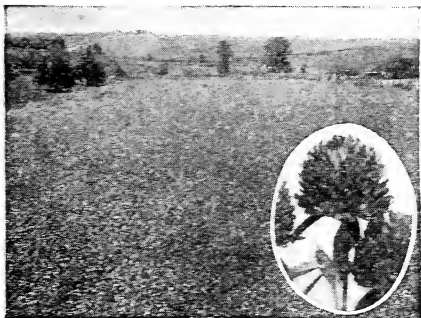
Grimm Alfalfa

Where winter killing of alfalfa is experienced, we recommend Grimm's. This variety has a low spreading crown which withstands the destructive freezing and thawing that raises the crowns of the other varieties.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Blue Tag	\$0.60	\$5.50	\$30.00	\$50.00
Red Tag .....	.55	5.40	29.40	49.00
Yellow Tag 99.30 per cent pure .....	.50	5.00	27.00	45.00
Grimm not certified .....	.45	4.50	24.00	40.00



Alfalfa



Medium Red Clover

Alsike Clover

This is the best clover to plant in high altitudes or cold, wet lands. When mixed with Red Top or Timothy, makes an excellent hay.

We have a stock of extra select lots on which we can quote very attractive prices.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Lewis - Clark Quality	\$0.45	\$4.40	\$21.00	\$40.00
Fancy .....	.43	4.25	20.00	38.00
Choice .....	.40	3.90	19.00	36.00

White Clover, Small Dutch

White Clover is especially valuable when mixed with Kentucky Blue Grass for either lawns or pastures.

L-C Quality—1 lb. 65c; 10 lbs. \$5.80, Postpaid.
Fancy — 1 lb. 60c; 10 lbs. \$5.30, Postpaid.



Medium Red Clover

Medium Red Clover is conceded to be the most important of the clovers. It is a valuable crop for either hay or pasture, and at the same time builds up the soil. It has been proven that it is a success on the uplands of this district, and is one of the most profitable crops raised. A large profitable hay crop can be raised, or the field can be clipped early and the second crop saved for seed.

Great care should be used in selecting the seed that no harmful weeds are introduced on to the farm. We use every precaution possible in selecting our seed and spare neither time or expense in recleaning it on the most up-to-date cleaning machinery possible to buy.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Lewis - Clark Quality	\$0.45	\$4.40	\$21.00	\$40.00
Fancy .....	.43	4.25	20.00	38.00
Choice .....	.40	3.90	19.00	36.00

Mammoth Red Clover

Grows very large: is used quite extensively for plowing under.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
L. C. Quality	\$0.47	\$4.50	\$23.00	\$42.00
Fancy .....	.45	4.40	21.00	40.00
Choice .....	.43	4.25	20.00	38.00



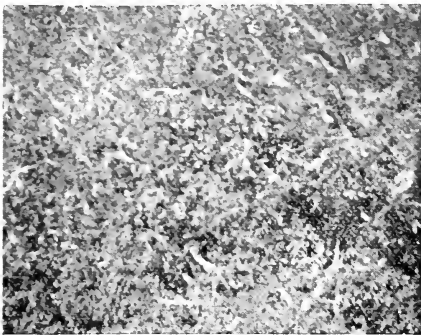
Alsike Clover

Clovers Add Nitrogen to the Soil

But only when nodules containing bacteria are on the roots. These bacteria take the free nitrogen of the air and put it into such form as to make it available for plant use.

If these bacteria are not present, clovers can do but little toward enriching the soil. To make sure that your clover has plenty of bacteria inoculate the seed when sowing. (See page 26.)

Cheap seed means a poor stand, sow the best—L. C. Quality and Blue Tag Alfalfa.



Sweet Clover

Sweet Clover, White Blossom

Sweet Clover is rapidly coming into more popular use as its good qualities are becoming better known. The features that make Sweet Clover so valuable, are its ability to thrive and produce good hay or a good pasture on poor soil, at the same time improve the soil on which it is growing.

It is being used more and more through this section of the country for pastures, and the use will be more general when its ability to withstand drought, and to produce good green feed through the hot summer months is better known.

Almost every farm has a piece of land that is hard to farm, or the soil is too poor to raise a grain crop, that if seeded to Sweet Clover would produce a large amount of valuable feed, and at the same time build up the soil.

White Blossom Sweet Clover is the popular and standard variety. It is a biennial, growing from four to six feet tall.

L-C Quality—1 lb. 25c; 10 lbs. \$2.25; 50 lbs. \$9.50; 100 lbs. \$18.00.
Fancy — 1 lb. 20c; 10 lbs. \$1.75; 50 lbs. \$8.00; 100 lbs. \$17.00.



Yellow Blossom Sweet Clover

This variety of Sweet Clover is about two weeks earlier than the White Blossom and does not grow as tall or coarse.

Lewis-Clark Quality—1 lb. 25c; 10 lbs. \$2.35; 50 lbs. \$11.00; 100 lbs. \$20.00.

Sorghums

Sorghums are used both for fodder and pasture. As a fodder crop they yield a large quantity of high quality feed. As a pasture for sheep or hogs it is unequalled; when grazed down it will quickly start up again, thus affording a large amount of pasture during the summer months. Our seed is Northern Grown selected stock.

	1 lb.	10 lbs.	50 lbs.	100 lbs.
Lewis-Clark Quality	\$0.15	\$1.50	\$6.00	\$12.00
Orange Sugar Cane .....	.15	1.50	6.00	12.00
Amber Sugar Cane .....	.15	1.50	6.00	12.00
White Kafir Corn .....	.15	1.50	6.00	12.00
Feterita .....	.15	1.50	6.00	12.00
Broom Corn .....	.20	2.00	7.50	15.00

Buckwheat

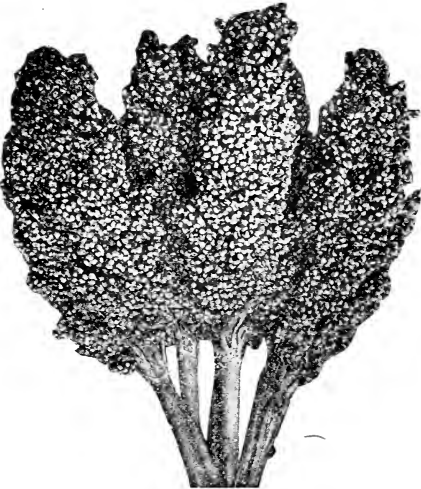
Used extensively for bee pasture.

L-C Quality—1 lb. 15c; 10 lbs. \$1.00; 50 lbs. \$4.50; 100 lbs. \$9.00.

Winter or Hairy Vetch

This is a hardy, valuable crop for either forage or fertilizer. Thrives on nearly all soils, and grows four to five feet long. Being a legume, it is a great soil-builder. Can be sown either in the spring or fall. When it is to be cut for hay, it is best to sow some grain with it to act as a support. It can be cut twice, or used as pasture after the first crop has been taken off. Although an annual, it resows itself and will come up on the same ground for several years.

L. C. Quality—1 lb. 25c; 10 lbs. \$2.25; 50 lbs. \$9.50; 100 lbs. \$17.50.



Kafir Corn



Spring Vetch

Spring Vetch is used for the same purpose as Hairy Vetch, but must be planted in the spring. Lewis-Clark Quality—1 lb. 15c; 10 lbs. \$1.40; 50 lbs. \$6.50; 100 lbs. \$12.00.

Sudan Grass

Sudan grass is a tall leafy annual grass producing a large tonnage of feed. As it originated in a hot dry climate, it is naturally adapted to the dry conditions of our section. It does well on all soils except those that are wet and poorly drained.

Sudan is an annual, and as it matures quickly it is especially valuable as a catch crop. It produces a large tonnage of hay similar in quality to Millet or Timothy. When seeded for hay should be planted at the rate of 15 to 20 pounds to the acre, with a grain drill. Should not be seeded until after all danger of frost is past.

Lewis-Clark Quality—1 lb. 20c; 10 lbs. \$1.50; 50 lbs. \$7.00; 100 lbs. \$13.00.



Sudan Grass

Buy Quality Seed
It Pays

Field Corn, North Idaho Grown

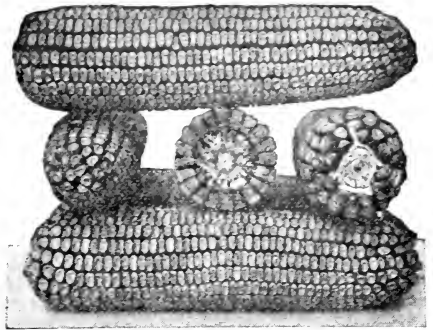
Our corn is carefully selected and graded, and is thoroughly acclimated for seed planting.

Lewis-Clark Quality	1 lb.	10 lbs.	50 lbs.	100 lbs.
Idaho Yellow Dent	\$0.10	\$1.00	\$4.00	\$ 7.50
Idaho White Dent .....	.10	1.00	4.00	7.50
Rustler White Dent .....	.10	1.00	4.00	7.50
Pop Corn, White Rice .....	.10	1.00	4.00	7.50
Special Idaho Ensilage .....	.10	1.00	4.00	7.50

Millet

Millet is especially adapted to a section with a small amount of rainfall and hot weather, produces an abundance of fine hay that ranks in food value with Timothy. Should be sown about the same time corn is planted.

Lewis-Clark Quality	1 lb.	10 lbs.	50 lbs.	100 lbs.
Golden Millet	\$0.15	\$1.50	\$6.00	\$12.00
Siberian Millet .....	.15	1.50	6.00	12.00
Hungarian Millet .....	.15	1.50	6.00	12.00
Hog-Millet .....	.15	1.50	6.00	12.00
Broom Corn Millet .....	.15	1.50	6.00	12.00



Idaho Yellow Dent

Field Peas

Peas are a very profitable crop, and will also build up the land by returning the much needed nitrogen to the soil. The clovers alone rank higher than peas in their soil enriching properties. The vines can be used for hay, or the peas threshed and used for feed. Next to corn, peas have a

higher feeding value than any other grain. Sow 100 to 120 pounds per acre. All our peas are northern grown, selected stock.

Lewis-Clark Quality	1 lb.	10 lbs.	50 lbs.	100 lbs.
Early Alaska	\$0.10	\$0.75	\$3.00	\$ 5.00
Blue Prussian .....	.10	.75	3.00	5.00
White Canadian .....	.10	.75	3.00	5.00
Mixed Peas or Hay .....	.10	.60	2.50	4.00



Dwarf Essex Rape

Field Beans

WHITE NAVY—1 lb. 15c; 25 lbs. \$2.25; 50 lbs. \$4.00; 100 lbs. \$7.50.
LADY WASHINGTON or LARGE WHITE—1 lb. 15c; 25 lbs. \$2.25; 50 lbs. \$4.00; 100 lbs. \$7.50.
IDAHO SMALL RED—1 lb. 15c; 25 lbs. \$2.25, 50 lbs. \$4.50; 100 lbs. \$8.00.
IDAHO LARGE RED—1 lb. 15c; 25 lbs. \$2.25, 50 lbs. \$4.50; 100 lbs. \$8.00.

Seed Rye

BEARDLESS SPRING RYE—Spring Rye is a very important and profitable crop. It is used for replacing winter grain that has failed, or planted as a grain crop. Beardless Spring Rye is very hardy, yields heavily, and is preferred for stock feeding, as the usual beards (about one inch long) mostly break off in handling. \$3.50 per 100 lbs.

ROSEN RYE—A fall and winter rye introduced from Russia. The grain is much larger than the common variety and the yield almost double. Also used extensively for spring planting for pasture. \$3.00 per 100 lbs.

HULLESS or BALD BARLEY—A rapid growing variety of Barley which is grown successfully in our western country, and is one of the best crops for green feed. Can be used for hay, but must be harvested in the milk stage. Will make excellent grain if allowed to mature, and when ground, is very good feed for stock. Will make a large crop of grain in dry seasons, when others fail. It has no beards and threshes out the same as wheat. Recleaned selected stock. \$3.50 per 100 lbs.

Western Flax Seed

There should be more flax sown, as it is one of the most dependable crops in the west. Matures very quickly, and can be planted as late as the middle of June, and therefore is desirable as a catch crop. Can also be used as a nurse crop. Flax takes less moisture and fertility from the soil than other grains, and under favorable conditions will yield 15 to 20 bushels per acre.

Lewis-Clark Quality—1 lb. 15c; 50 lbs. \$6.00; 100 lbs. \$10.00.

Sunflowers For Silage

In the last few years Sunflowers have been grown extensively for ensilage. The yield varies from ten tons on dry land to 40 tons on rich bottom land under irrigation. In feeding value it ranks close to corn ensilage. The variety giving best results in this district is the Mammoth Russian.

Lewis-Clark Quality—1 lb. 20c; 50 lbs. \$8.50; 100 lbs. \$15.00.

Dwarf Essex Rape

One of the best forage plants. Produces a large amount of valuable pasture which is ready for use six or eight weeks after planting. Recommended highly for sheep and hogs.

L-C Quality—1 lb. 20c; 10 lbs. \$2.00; 50 lbs. \$9.50; 100 lbs. \$18.00.

Soy Beans

These do well on poor soil. They are extensively grown in the corn belt. Sow the seed any time after danger of frost has passed—about the time corn is planted. Plant 2 inches deep. If intended for hay, the crop should be cut any time from the setting of the seed until the leaves begin to turn yellow. If planted in rows 2 or 3 feet apart, 20 to 30 lbs. are needed per acre. For broadcasting use 60 to 100 pounds per acre.

EARLY BLACK—This is northern grown seed and one of the earliest varieties. Especially adapted to this district. 1 lb. 15c; 25 lbs. \$3.50; 50 lbs. \$7.00; 100 lbs. \$12.50.

BEARDLESS BARLEY—Is as easily grown and handled as either oats or wheat, and is a very desirable crop on account of its earliness and adaptability to almost any kind of soil. Beardless Barley is a splendid feed for all farm stock, and cattle, sheep, horses and hogs will thrive and fatten on it. Is one of the best grains for hay, especially for horses, and is used extensively by the stock men in this district. There is a short crop this season and suggest you order early. Recleaned selected stock. \$3.50 per 100 lbs.

Wheat

Recleaned Selected Stock

Lewis-Clark Quality—Marquis, Certified Jenkins Club, Blue Stem, Early Baart. Write for Prices.

OATS

Recleaned Selected Stock

Our oats are grown in the northern part of the state on new land, which has been especially prepared for the purpose. The seed is carefully selected and recleaned, being free from wild oats.

Lewis-Clark Quality—Swedish Side Oats, Idaho White Side Oats. Write for Prices.

Wool and Mohair

We are buyers of Wool and Mohair—from one fleece to a car load. Send us a representative sample of your clip, stating the amount you have and the kind of sheep. We will quote you prices as soon as we have examined the sample.

WOOL SAX, 90c each. FLEECE TWINE, 35c PER POUND.

Fertilizers

MORCROP K. 3-10-7

A concentrated complete fertilizer high in the three necessary elements. Recommended for berries, grains and root crops, especially recommended for lettuce, spinach, onions, corn and potatoes. Price, 100 lb. sax, \$3.50 per ton, \$65.00.

SULPHATE OF AMMONIA

Analysis—Nitrogen as Ammonia 25%

Sulphate of Ammonia is one of the most quickly available and most desirable forms of nitrogen to use. It is at once absorbed by the water in the soil and immediately effective. Use 2 to 3 pounds to fertilize 1,000 square feet of lawn or 400 to 600 lbs. per acre. Price, per 100 lbs. \$5.00.

NITRATE OF SODA

Analysis—Nitrogen as Ammonia 18%

One of the most valuable fertilizers where quick leaf growth is desired. Used extensively for fruit trees, lettuce, radishes, celery and other quick growing crops. Price, per 100 lbs., \$4.50.

BONE MEAL

Analysis—Nitrogen 2%. Phosphoric Acid 30%

Bone Meal is one of the best fertilizers to use where Nitrogen and Phosphoric Acid are needed. It is especially good for lawns and flower beds. Is slow in action and there is no waste, as the plant food is released only as fast as it can be taken up by the plants. It can be used in almost unlimited quantities without danger of burning the plant. Price, per 100 lbs. \$3.50.

STOCK AND POULTRY FEED AND REMEDIES

	Per 100 lbs.
Limestone Grit, fine or coarse	\$1.00
Oyster Shell, Eastern	1.50
Granulated Bone, fine	3.50
Granulated Bone, coarse	3.50
Buttermilk Mash for little chicks.....	4.00
Growing Mash	3.50
Egg Mash, M. M.—Write for prices.	
Calf Meal, 25 lb. bags, each.....	1.75
Chick Feed—Write for prices.	

DR. HESS' POULTRY AND STOCK REMEDIES

Poultry Pan-a-ce-a	
1½ lb. pkg.	\$0.30
7 lb. pkg.	1.25
12 lb. pkg.	1.75
25 lb. pail	3.50
Stock Tonic	
3½ lb. pkg.	\$0.65
10 lb. pkg.	1.50
25 lb. pail	3.50

REVENGE LICE DESTROYER—It Sticks—Does Not Shake Off

1½ lb. can	\$0.65
------------------	--------

B-K—Powerful household germicide, deodorant, disinfectant, 65c and \$1.35 per package.



Registered in the
United States
December 6, 1898—28
YEARS AGO
Awarded Gold Medal
World's Fair—
St. Louis, 1904—22
YEARS AGO



A GREAT PRICE REDUCTION

Nitragin now comes in bushel sizes instead of acre sizes. This means it costs you less per acre than inferior imitations.

Your Dollar Goes Farther with NITRAGIN

Nitragin is an old, reliable inoculator. At the low price of 20 to 33 cents per acre you cannot afford to sow legumes without it. Nitragin is put up in the modern ventilated packages; in a rich, soil-like packing medium. The contents are always fresh, living bacteria to feed your plants. Easy to use.

STATE WHAT CROP YOU WANT THE NITRAGIN FOR.

Gypsum or Land Plaster

A necessary plant food for legumes on soils that are lacking in sulphur. Will increase the yield from 50 to 100%. Apply at the rate of 200 lbs. to the acre every second or third year. Price, 100 lbs. \$1.00; ton, \$18.00.

Air-Slacked Lime

Used principally for sweetening alkaline soil, and is highly recommended for this purpose by soil experts. Price, per 100 lbs. \$1.00. Special quantity price of \$15.00 per ton.

SHEEP GUANO

One of the best fertilizers for lawns and gardens. Free from any disagreeable odors. Our brand is klin dried and thoroughly pulverized, and is therefore quick in action. There is no danger of applying too much. 100 lbs. is sufficient to fertilize 1,000 square feet of lawn. Price, per 100 lbs. \$1.50. Special quantity price of \$25.00 per ton.

“WILL GROW”

A complete fertilizer for plants and flowers. A perfect food and tonic for the cultivation of domestic garden plants and potted flowers. Price, per pkg. about 1½ lbs., 25c.

We can supply any kind of fertilizer you are interested in, and will be glad to quote prices upon receipt of your request.

STOCK SALT

50 lb. bags	\$0.70
100 lb. bags	1.25
Sulphurized Brick Salt, 50 lbs. ....	.90
Sulphurized Brick Salt, 5 lbs.....	.15

SemiSolid Buttermilk

This is pure creamery buttermilk condensed to a thick paste and guaranteed to keep almost indefinitely. Price, 5 gallon keg, \$3.25; 10 gal. \$6.00.

MILKOLAC DRIED BUTTERMILK

Dried Buttermilk is used principally for egg and chick mash.

Price, per pound	12½c
------------------------	------

Kow Kare—A great cow medicine, cans.....65c and \$1.25

Dip and Disinfectant

1 quart	\$0.80
¼ gallon	1.30
1 gallon	2.00

Lice Powder

1 lb. can	\$0.30
2½ lb. can60

White Diarrhoea Remedy

Packet	\$0.50
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Alfalfa, clovers, soybeans, vetches, peas and other legumes should always be inoculated with Nitragin. The lack of necessary bacteria in the soil is often the cause of a poor legume—a week stand—or a total failure.

PRICES—(Add Postage)

¼ Bushel size	\$0.40
½ Bushel size .....	.60
1 Bushel size	1.00
5 Bushel size	\$4.75
Garden (peas, beans, sweet peas—three in one pkg.) ..	.20





Dry Lime Sulphur

For the control of SAN JOSE SCALE.

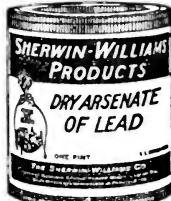
1 lb.	\$0.25
50 lbs.	7.50
100 lbs.	12.50



Bordeaux Mixture

Used for the control of Blight, Mildew, Scab and other Fungous diseases.

1 lb.	\$0.30
8 lbs.	2.00



Dry Arsenate of Lead

Mix 1 lb. to 50 gallons of water.

1 lb.	\$0.30
4 lbs. ....	.80
48 lbs.	7.20

Paris Green

Used for the control of Chewing Insects.

¼ lb.	0.30
1 lb. ....	.50
5 lbs.	2.25



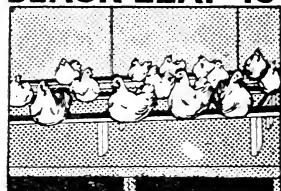
"BLACK LEAF 40"

Used for the control of soft bodied sucking insects. Also has become very popular for the control of chicken lice. Simply paint the roosts full strength, the results will surprise you.

1 oz. (about 6 gal. spray).....	\$0.35
½ lb. (40 to 150 gals. spray).....	1.25
2 lbs. (160 to 600 gals. spray).....	3.25
10 lbs. (800 to 3000 gals. spray)....	11.85

ALL SPRAY MATERIALS F. O. B. LEWISTON

"BLACK LEAF 40"



WORKS WHILE THEY ROOST



tion and will not gum sprayers. Will not injure rubber, metal, hands or clothing. Tests show EVER GREEN to be effective against cutworms, cucumber beetles, cabbage worms, aphids (plant lice), leaf hoppers, thrips, rose slugs, melon beetles, currant worms and most other insects, both chewing and sucking. Being non-poisonous it is available. One gallon makes 800 gallons effective aphid spray. Prices: 1½ oz. 35c (makes 9 gal. spray); 6 oz. \$1.00; 16 oz. \$2.00; 32 oz., \$3.85; gallon bottles, \$13.00. Full instructions with each bottle.



SPRAY MATERIALS

Dry Lime and Sulphur, 1 lb. 25c; 50 lbs. \$7.50:

100 lbs.	\$12.50
Roche Harbor Lime, per bbl.	4.25
Ground Sulphur Diamond S, 110 lb. sax.	3.30
Blue Stone,	12½¢ per lb. \$10.00 per 100
Grafting Wax, per lb. ....	.50
Copper Carbonate, 50 per cent, per lb. ....	.30
Furitol, White disinfecting paint, 5 lb. pkg. ....	.75



SEMESAN SEMESAN JR. SEMESAN BEL

THE PREMIER Seed Disinfectants

Control Diseases, Increase Yields, Improve Quality

SEMESAN—This modern disinfectant can be applied in either the liquid or convenient dust form to prevent or control effectively a most diversified variety of parasitic diseases and fungoid growths borne by seeds, seed pieces, plants, grafts and soils. Semesan is harmless to seed and plant life but extremely poisonous to disease and fungous organisms. It generally also hastens germination, produces sturdier plants, promotes earlier maturity and increases both the quantity and quality of crop yields.

SEMESAN JR.—A less expensive but equally effective form of Semesan for the dry dust disinfection of both field and sweet corn seeds against the ear, root and stalk rots. Under Government-conducted field tests, Semesan Jr. successfully prevented or controlled these diseases and at the same time increased the yields obtained from diseased seeds by 10 to over 40%.

SEMESAN BEL—Applied to whole or cut seed potatoes, either as a dry powder or a whitewash-like water mixture, Semesan Bel will prevent or control the common seed-borne potato diseases. In widely separated potato-growing sections it has caused quicker sprouting, earlier maturity and greater yields.

One pound of Semesan Bel will treat from 16 to 20 bushel of potatoes. Use as a dip by mixing 1 lb. to 2½ gallons of water.

Prices For Du Pont

Semesan		
2 ozs.	\$0.50	.5 lbs. \$ 13.00
8 ozs.	1.00	25 lbs. 62.50
1 lb.	2.75	50 lbs. 122.50

Semesan Jr.

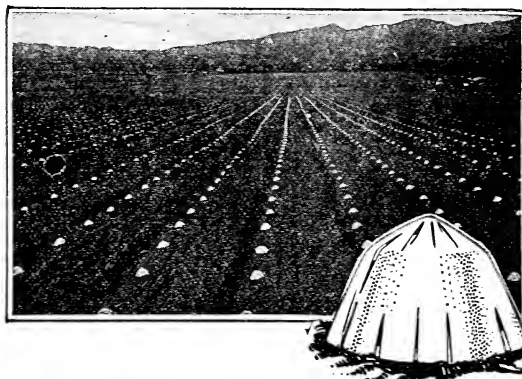
Semesan Jr.	
1 lb.	\$ 1.75
5 lbs.	8.00
25 lbs.	37.50

Free Descriptive Booklet Sent Upon Request

Semesan Disinfectants Make Good Seeds Grow Better

Spray Your Plants This New Safe Way

a highly effective non-poisonous insecticide. Absolutely harmless to man, live stock, birds and pets. (No danger of eating poisoned vegetables.) Cannot burn or otherwise injure most delicate plants even in the concentrated solutions. Keeps its strength indefinitely. No continuous agitation necessary—remains in solution.



Higher Prices For YOUR CROP

This Amazing New Method of Plant Protection gets you HIGHER Prices for Larger and QUICKER Crops.

Last year thousands of growers added to the value of their vine crops by using Germaco HOTKAPS—shown above. This remarkable invention consists of a scientifically constructed wax paper cone that you place over each plant. Thus they are miniature hot-houses that protect plants from FROST, wind, rain, insects and ground crusting.

HOTKAPS not only protect plants, but make them grow harder and faster. Thus you get a greater crop production to market earlier for higher prices!

You can add to your next year's profit with Hotkaps. They cost but a fraction over a penny each. One man can "set" 3000 Hotkaps per day. They not only bring you higher prices, but are a method of crop insurance—against the danger of the elements.

Prices per roll (1000 Hotkaps), \$11.50; (5000 Hotkaps), \$53.00. Write for interesting pamphlet or order today!

"Germaco Hotkap Setters, a labor saving device for setting Hotkaps accurately and quickly into the ground. Price \$2.50 each, postage or express extra."

Germaco

Hotkaps

Poultry Supplies

SCREEN GLASS
Unbreakable—Weather-Proof—Passes Violet Rays—
Economical—Durable—Healthful. Comes in rolls 36 in.
wide by 100 feet long. Price, 50c per running foot.
Postpaid.

NUMBERED ADJUSTABLE BANDS
Aluminum with large raised figures, 1 to 100, adjust-
able to fit any breed.



12 bands, 1 to 12.....	\$0.15
25 bands, 1 to 25.....	.25
50 bands, 1 to 50.....	.40
100 bands, 1 to 100.....	.75

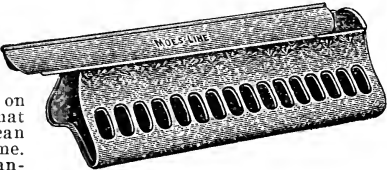
SPIRAL CELLULOID BANDS

No. 5 for Pig-
eons and baby
chicks.
No. 6 for Ban-
tams and grow-
ing chicks.
No. 8 for Leg-
horns, Minor-
cas, etc.
No. 11 for Ply-
mouth Rocks,
R. I. Reds.



No. 6, 8, 11.....	12 Bds. \$0.15	50 Bds. \$0.50	100 Bds. \$0.75
No. 5.....	.10	.30	.50

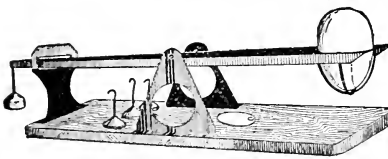
MOE'S LARGE CAPACITY FEEDER
A wonder-
ful feeder for
young grow-
ing stock.
Has a large
capacity, with
16 openings on
each side, so that
32 chicks can
feed at one time.
The birds can-
not roost on the
cover or sides, so it is impossible to foul the feed.
Has a slipping top cover, easy to fill and clean.



A great time and labor saver where chicks are raised
in large numbers.
Made of heavy galvanized iron. Length 21 inches.
Width 8½ inches. Height 7 inches. Capacity 10 qts.
Shipping weight 4 lbs.
No. 140—Chick Feeder, each, prepaid.....\$1.50
No. 141—Length 35 in., 17 qts., 54 openings, prepaid 2.20

GILT EDGE EGG SCALE

Simple in
construction,
easy to oper-
ate, graduat-
ing by the
oz. per dozen.
Price, post-
paid, \$1.50.



GRIT AND SHELL BOXES

These boxes are the most
practical means of economi-
cal feeding of Grit, Shell,
Bone, Charcoal, etc. They
will soon pay for themselves
in material saved and will
last a lifetime.

No.	Width	Comp.	Price
45	5 inch	2	\$0.45
9	8½ inch	3	1.00
90	11 inch	4	1.35



SO EASY TO FILL AND CLEAN BOTTOM-FILL FOUNTAINS

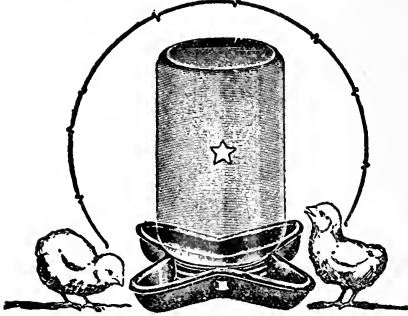
Then, too, they are inex-
pensive, accurately made and
tapered to prevent bursting
from freezing.

No.	Capacity	Price
No. 19	1 quart	40c
No. 30	2 quarts	50c
No. 24	4 quarts	65c

GLASS FABRIC
The same preparation is used as on the glass cloth
but put on cloth. The same results are obtained but
of course it is not as durable. Comes 3 ft. wide.
Price, 35c per square yard. Postpaid.

FIGARO SALT
Sugar-Cure and Smoke Meat in one operation. 10 lb.
can, enough to cure 100 lbs. meat. Price, \$1.45, Postpaid.

THE FAMOUS "STAR" FOUNTAIN



More chicks are watered and fed from "STAR" foun-
tains than any other style made. Stamped from one piece
of heavy non-rusting metal. Cannot leak. Fits any size
Mason fruit jar.

No. 32, Price, each, postpaid.....\$0.15

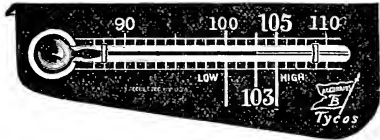
DOUBLE FEEDING TROUGHS



For chicks and growing stock they are very popular.
Smooth turned edges, sliding top. Easy to fill and clean

No. 58	Size 12 inch.	Price.....	45c
No. 59	Size 18 inch.	Price.....	60c
No. 60	Size 24 inch.	Price.....	70c

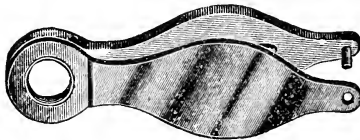
INCUBATOR THERMOMETERS



Price, Prepaid90c

TYCOS HYGROMETER

Takes the space of one egg in the incubator and tells
the true moisture condition. Each packed with booklet.
No. 5796 Hygrometer.....\$1.75—Prepaid, \$1.85
Extra silk wicks. Each15c

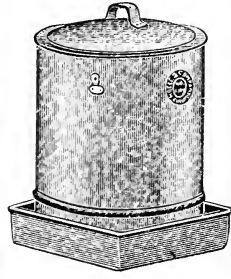


No. 38, Moe's
Punch. A popu-
lar and practical
punch for mark-
ing baby chicks.
Price each,

Prepaid25c

DIAMOND EGG CARRIERS FOR HATCHING EGGS
15 egg size 40c; 25 egg size, 60c, prepaid.

SHIPPING BOXES FOR DAY-OLD CHICKS
50 chick size, prepaid.....35c
100 chick size, prepaid.....45c

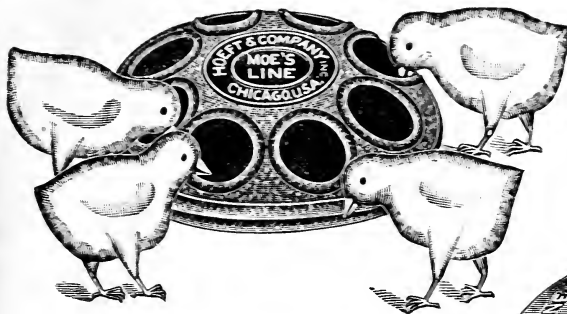


"TOP-FILL" FOUNTAINS

Automatic Feed

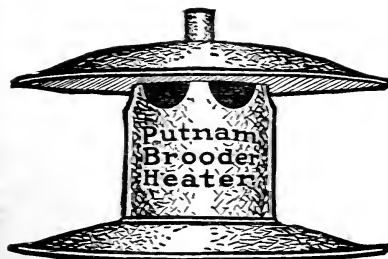
Made of heavy galvanized
iron, with double walls.
Feeds automatically, no valves
to get out of order. Sanitary
and easily cleaned.

No. 1, 1 gal. cap. prepaid	\$1.85
No. 3, 2 gal. cap. prepaid	2.85
No. 4, 4 gal. cap. prepaid	3.50

**BUTTERMILK FEEDING TROUGHS**

For feeding buttermilk. Made the same as the Eclipse, described and shown at right, but the material is tin plate, which is not affected by the acid in sweet, sour or buttermilk.

No. 138, 20 in., Price.....50c

**THE PUTNAM BROODER HEATER**

Requires filling but once a week, no other attention. It's adaptable to any small brooder from 25 to 60 chicks. Constructed so that chicks find the exact temperature they like. Heat is radiated from above, same as from the natural mother. Full directions for making your brooder at home in an hour with these instructions.

Price each, \$4.75. Postpaid.....\$4.90
Little Putnam Stove, \$1.95. Postpaid.....2.10

SOME COMBINATION

Is what they say about the fountain heater shown at right. The two together are shown as our

WINTER FOUNTAIN

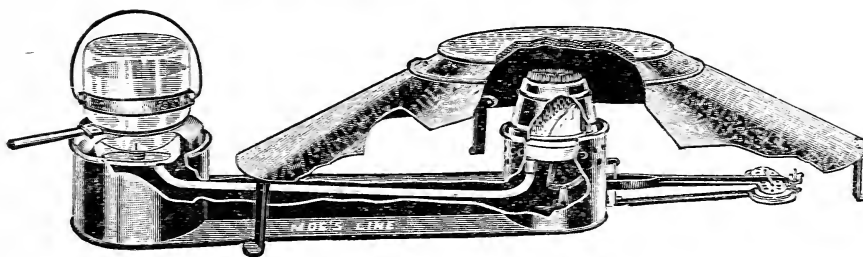
No. 75, price complete, \$4.25 Postpaid

FIVE GALLON WALL FOUNTAIN

Large capacity, easy to fill. Water a whole farm flock from this fountain and save yourself lots of chores. No. 74, weight 6 lbs., Postpaid, \$2.00.

FOUNTAIN HEATER

Shown under the 74 fountain. The lamp holds enough oil to burn a week and has a "Never-smoke" chimneyless burner. Nothing to get out of order. Simple and safe. Can be used with any style fountain or oat sprouter, and has many other uses. No. 10, wt. 5 lbs., Price \$2.00; postpaid, \$2.15.

**MOE'S AUTOMATIC OIL BROODER**

No.	Size Canopy	Capacity Chicks	Shipping Weight	Price Complete	
225	32 in.	300	36 lbs.	\$14.75	F. O. B. Lewiston
226	42 in.	500	42 lbs.	17.50	F. O. B. Lewiston
227	52 in.	1000	49 lbs.	20.00	F. O. B. Lewiston

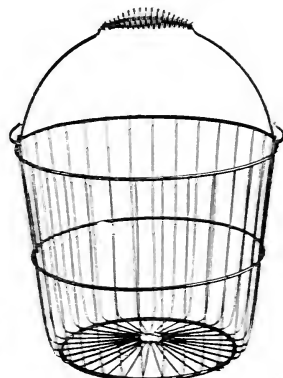
Garden Supplies**POTATO BASKETS**

Electrically Welded. $\frac{5}{8}$ bushel Capacity. Used for Treating and Picking
Postpaid, Each, \$1.50

**SPRAY HYDROMETER**

Each, \$1.50; With Jar, postpaid,\$2.50

WE BUY WOOL AND MOHAIR



Garden Supplies

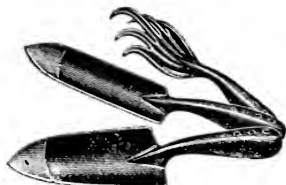
All Steel Lawn Weeder



Postpaid. Each, 35c

GARDEN SET

Consisting of one No. 80 Garden Trowel, one No. 81 Transplanting Trowel, one No. 82 Garden Weeder. All made of one-piece heavy pressed steel, finished in black baked enamel. Each, 25c; set of 3, 75c Postpaid

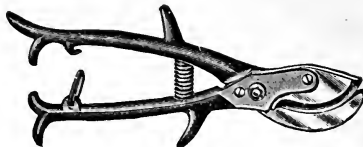


Hand Weeder—Made of one piece of hard, stiff steel. Ground edge and baked enamel handle.

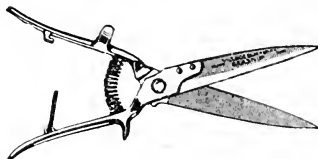
Postpaid, each25c



Pruning Shears—California pattern. Length 9 inches. tempered tool steel blade. Volute spring. Black japanned handle. No. 311, each, postpaid.....\$1.00



GRASS SHEAR



Each, Postpaid, \$1.00

We have a complete stock of Bee, Orchard and Poultry Supplies, write for prices on anything you want that is not listed in catalog.

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MARK MEANS CO. give no warranty, express or implied, as to description, purity, productiveness or any other matter of any seeds, bulbs or plants they send out, and they will not be in any way responsible for the crop. If the purchaser does not accept the goods on these terms, they are to be returned at once. (OVER)



Fancy Lawn Grass Seed

To have a good lawn the soil must be rich, carefully worked and well leveled. All refuse should be removed and some good fertilizer worked into the soil. Either fine pulverized Sheep Guano or Morcrop Lawn Fertilizer will give good results. Then use the best seed obtainable. Plant any time from September until late Spring. Rake in the seed and then roll. In watering your lawn soak it deeply and not too often, as frequent light waterings tend to bring the roots close to the surface, where they quickly dry out and sometimes burn out. But don't expect to make a good lawn with cheap seed.

A mixture of several varieties of grasses usually makes the best lawn. All grasses have an off or rest period at some time during the year, and during these rest periods very little new growth appears. These rest periods vary with different grasses, and by seeding a mixture the lawn always looks thrifty and fresh.

Buy the best seed you can afford, as the cost of seed is a minor item compared to the rest of the expense connected with making a lawn.

Our lawn mixtures are made up of seed of the highest purity and germination that we can buy, or we can furnish you with the straight varieties and you can make your own mixture.

LEWIS CLARK MIXED LAWN SEED—Our Mixed Lawn Grass Seed is made up of only the fine leaved and long lived grasses which will produce a beautiful velvety, carpet-like lawn that will last for years. Enough White Clover is used to make a quick showing and act as a nurse crop for the grasses while they are becoming established. Per lb. 60c; 10 lbs. \$5.50. Postpaid.

CREeping BENT—For those desiring the finest lawn possible, we recommend Imported Creeping Bent Grass seeded straight. This grass grows rapidly, is of fine texture and spreading habit, and makes a strong enduring sod. Per lb. \$1.50. Postpaid.

SHADY LAWN MIXTURE—We also have a mixture for seeding in shady places. This is a combination of the most successful of fine leaf grasses that do especially well in shade. It is carefully prepared and a mixture of expensive imported grasses. Per lb. \$1.00. Postpaid.

KENTUCKY BLUE GRASS—The most important grass for lawn making and is the base of our Lewis-Clark mixed lawn seed. It is the first grass to start in the spring and remains green until late winter. Is very hardy and is uninjured by cold or heat.

Fancy—1 lb. 50c; 10 lbs. \$4.50. Postpaid.

Lewis-Clark—1 lb. 60c; 10 lbs. \$5.50. Postpaid.

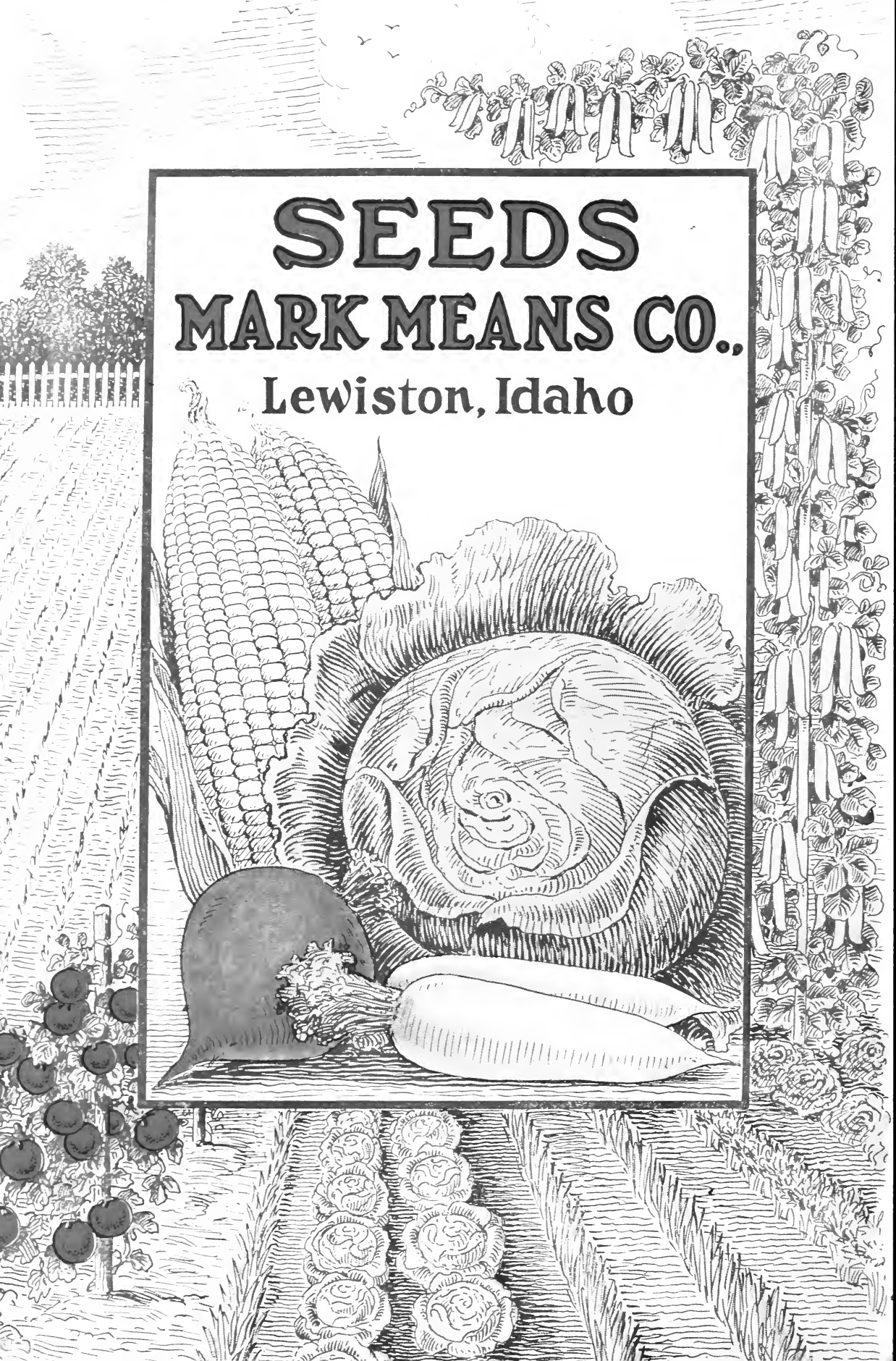
CHEWINGS FESCUE—A low growing fine leaved grass which forms a close turf that prevents ingress of weeds. Thrives in all kinds of soil even the lightest and driest. Unexcelled for lawns and golf courses. 1 lb. 60c; 10 lbs. \$5.50. Postpaid.

WHITE CLOVER—White Clover is especially valuable when mixed with other grasses and adds greatly to the appearance of the lawn.

Lewis-Clark—1 lb. 65c; 10 lbs. \$6.00. Postpaid.

Fancy—1 lb. 60c; 10 lbs. \$5.50. Postpaid.





SEEDS

MARK MEANS CO.,

Lewiston, Idaho